

Zoological Record

Vol. 93, Sect. 17, 1956

AVES

COMPILED BY

Lt.-Col. W. P. C. TENISON, D.S.O.

LONDON

PUBLISHED BY

THE ZOOLOGICAL SOCIETY OF LONDON

PRICE TEN SHILLINGS

JULY 1957

SEPARATE SECTIONS OF THE ZOOLOGICAL RECORD

In addition to the complete bound volume, the separate Sections may be obtained singly, bound in printed paper covers.

The following are the Sections and their prices, viz. :—

					<i>s.</i>	<i>d.</i>
1.	Comprehensive Zoology	...	...	...	3	0
2.	Protozoa	...	...	...	10	0
3.	Porifera	...	...	...	2	0
4.	Coelenterata	...	...	...	4	0
5.	Echinoderma	...	...	...	4	0
6.	Vermes	...	...	...	10	0
7.	Brachiopoda	...	...	...	4	0
8.	Bryozoa	...	...	...	2	6
9.	Mollusca	...	...	...	10	0
10.	Crustacea	...	...	...	6	6
11.	Trilobita	...	...	...	5	0
12.	Arachnida	...	...	...	10	0
*13.	Insecta	...	...	...	50	0
14.	Protochordata	...	...	...	2	0
15.	Pisces	...	...	...	8	6
16A.	Amphibia	...	...	...	6	0
16B.	Reptilia	...	...	...	7	6
17.	Aves	...	...	...	10	0
18.	Mammalia	...	...	...	10	0
19.	List of New Genera and Subgenera	...	...	...	4	0

* Obtainable only from the Commonwealth Institute of Entomology, 56, Queen's Gate, London, S.W.7.

17. AVES

ARRANGED BY

LT.-COL. W. P. C. TENISON, D.S.O.

CONTENTS

I. TITLES	1
II. SUBJECT INDEX	90
III. DISTRIBUTION	98
IV. SYSTEMATIC INDEX	101

I.—TITLES

In the list of titles the year has been omitted where it is the same as the volume year of the "Record", namely (1956).

Direction 26.

Determination of the gender to be attributed to the names of ninety-eight genera of birds placed on the *Official list of Generic Names in Zoology* in the period up to the end of 1936. Opin. int. Comm. zool. Nom. **1C** 1955 : 259-272.

Direction 35.

Addition to the *Official List of Generic Names in Zoology* of the generic name *Columbina* Spix, 1825 (Class Aves) (Direction in replacement of Opinion 31). Opin. int. Comm. zool. Nom. **1C** : 353-364.

Direction 38.

Rejection for nomenclatorial purposes of the anonymously published work entitled "*Ornithologia britannica*" issued in 1771 and believed to have been written by Marmaduke Tunstall and matters incidental thereto (cancellation of "Opinion" 38). Opin. int. Comm. zool. Nom. **1D** : 83-94.

Direction 39.

Substitution of *Gallinago* Brisson, 1760, for *Gallinago* Koch, 1816 (Class Aves) on the "Official List of Generic Names in Zoology" (correction of an error in the Ruling given in "Opinion 67"). Opin. int. Comm. zool. Nom. **1D** : 95-138.

Direction 43.

Addition to the *Official List of Specific Names in Zoology* (a) of the specific names of the type species of seventy-three genera in the Class Aves, the names of which were placed on the *Official List of Generic Names in Zoology* in the period up to the end of 1936 and (b) of twelve specific names which are currently regarded as senior subjective synonyms of such names. Opin. int. Comm. zool. Nom. **1D** : 171-210.

Direction 44.

Correction of certain entries relating to the names of genera in the Class Aves made on the *Official List of Generic Names in Zoology* in the period up to the close of 1936 and addition to the *Official Indexes of Rejected and Invalid Names in Zoology* of certain names given to genera and species of the same Class. Opin. int. Comm. zool. Nom. **1 D** : 211-232.

Direction 55.

Insertion in the *Official List of Generic Names in Zoology* of an entry relating to the generic name *Grus* Brisson, 1760 (Class Aves) (correction of an error in the Ruling given in *Opinion 103*). Opin. int. Comm. zool. Nom. **1 D** : 319-336.

Opinion 401.

Suppression under the plenary powers of the generic name *Colymbus* Linnaeus, 1758, and addition to the *Official List of Generic Names in Zoology* of the generic names *Gavia* Forster, 1788, and *Podiceps* Latham, 1787. Opin. int. Comm. zool. Nom. **13** : 1-64.

Opinion 402.

Addition to the *Official Index of Rejected and Invalid Specific Names in Zoology* of names given to two Asiatic Woodpeckers. Opin. int. Comm. zool. Nom. **13** : 65-74.

Opinion 403.

Addition to the *Official List of Specific Names in Zoology* of the names of two Siberian Larks. Opin. int. Comm. zool. Nom. **13** : 75-86.

Opinion 404.

Validation under the plenary powers of *Pyrhocorax* [Tunstall], 1771, as the generic name for the Chough. Opin. int. Comm. zool. Nom. **13** : 87-106.

Opinion 405.

Use of the plenary powers to secure that the specific name *philomelos* Brehm, 1831, as published in the combination *Turdus philomelos* shall be the oldest available specific name for the Song Thrush. Opin. int. Comm. zool. Nom. **13** : 107-118.

Opinion 406.

Use of the plenary powers to secure that the specific name *nigricollis* Brehm, 1831, as published in the combination *Podiceps nigricollis* shall be the oldest available specific name for the Black-necked Grebe. Opin. int. Comm. zool. Nom. **13** : 119-130.

Opinion 407.

Suppression under the plenary powers of four specific names for birds published by Anton Heinrich Lichstenstein in 1793. Opin. int. Comm. zool. Nom. **13** : 131-146.

Opinion 408.

Use of the plenary powers to secure that the specific name *pyrrhulinus* Swinhoe, 1876, as published in the combination *Emberiza pyrrhulinus* (Class Aves) shall be the oldest available name for the species concerned. Opin. int. Comm. zool. Nom. **13** : 147-156.

Opinion 409.

Suppression under the plenary powers of seven specific names given by Gmelin (J.F.) in 1788 and 1789 to birds taken on Captain Cook's last expedition which were regarded as *nomina dubia* until 1950. Opin. int. Comm. zool. Nom. **13** : 157-172.

Opinion 410.

Suppression under the plenary powers of three specific names proposed for birds by Forster (J.R.) in 1794 and of one such name proposed by Latham in 1790. Opin. int. Comm. zool. Nom. **13** : 173-190.

Opinion 411.

Emendation of the spelling of the specific names of the Short-toed Lark and the Egyptian Vulture. Opin. int. Comm. zool. Nom. **13** : 191-202.

Opinion 412.

Suppression under the plenary powers of new names proposed by Linnaeus in the pamphlet entitled *A Catalogue of the Birds, Beasts, Fishes, Insects . . . contained in Edwards' Natural History* published in 1776. Opin. int. Comm. zool. Nom. **13** : 203-232.

Opinion 413.

Acceptance of the restricted locality for the nominate subspecies of the Ostrich specified by Stresemann (E.) in 1926 and determination of the name applicable to the Syrian Ostrich. Opin. int. Comm. zool. Nom. **13** : 233-242.

Opinion 414.

Use of Plenary Powers to provide a valid foundation for the continued employment of the generic name *Myiobius* Darwin, 1839 (Class Aves) in its accustomed sense. Opin. int. Comm. zool. Nom. **13** : 243-254.

Opinion 415.

Use of the Plenary Powers to provide a valid foundation for the continued employment of the specific name *cyanea* Hume 1877 as published in the combination *Muscitrea cyanea* (Class Aves). Opin. int. Comm. zool. Nom. **13** : 255-264.

Opinion 416.

Validation under the Plenary Powers of the specific name *ferruginea* Hodgson 1845 as published in the combination *Hemichelidon ferruginea* (Class Aves). Opin. int. Comm. zool. Nom. **13** : 265-274.

Declaration 23.

Clarification of the status under the Law of Homonymy of each of three pairs of specific names based, in the case of the names comprised in each pair, upon the same geographical term and differing from one another only in spelling. Opin. int. Comm. zool. Nom. **13** : i-xvi.

Anon. (1). El nuevo Convenio Internacional para la Protección de las Aves. *Ardeola* **2** : 241-248.

Anon. (2). Can you tell a Pileated Woodpecker from an Ivory-bill? *Audubon Mag.* **58** : 163 fig.

Anon. (3). Estudio biológico sobre *Nothocercus bonapartei* (Gallina cuero). *Bol. Acad. Cienc. Caracas* **16** 51 1953 : 170-192 figs.

Anon. (4). The Godwit stays protected. *For. & Bird No.* 119 : 8-9 fig.

Anon. (5). Where Kittiwakes have taken over: a strange sight in a Norwegian port. *Ill. London News* **228** May 19 1956 : 551 photos.

Anon. (6). Birds of the London area, 1955. *Lond. Bird Rep. No.* 20 : 6-38.

Anon. (7). Información de aves anilladas II. a lista. *Munibe* **6** 2 1954 : 150-151. See *Pirineos* **10** 31-32 1954 : p. 286.

Anon. (8). The Cattle Egret. Sea-birds in Sweden. *Nature, Lond.* **178** : 28.

Anon. (9). African recoveries of birds ringed in Europe. *Ostrich* **27** : 185.

[**Anon.** (10). Biology of Swallow. *Prirode* **6** : 106-107 fig. [In Russian].

Anon. (11). Ornithological notes for 1955. *Proc. L'pool Nats.' Fld. Cl. no.* 95 : 8-10.

Anon. (12). Fuglegylp. *Natur og Mus.* **5** 1-2 : 3-17 figs.

Anon. (13). A census of rookeries of the Furness area [and other records]. *Rep. Barrow Nats.' Fld. Cl. N.S.* **7** 1951 : 22-26.

Anon., etc. (14). Birds recorded in 1955, etc. *Rep. Lundy Fld. Soc. No.* 9 1955 : 5-31.

Acklam, G. H. and others. Sub-alpine Warbler in Norfolk. *Brit. Birds* **49** : 86.

Acland, C. M., Maxse, V. C. and **Peakall, D. B.** Fågelobservationer i Lappland. *Fauna och Flora* **51** 4 : 162-173 3 figs. [English summary.]

Adler, O. Sterntaucher (*Gavia stellata*) in ca. 2000 m. Seehöhe. *Orn. Mitt.* **8** : 35.

Aellen, E. Über das Verhalten eines am Grauen Star (Katarakta congenita) blindgeborenen Waldkauzes (*Strix aluco*). *Int. orn. Congr.* **11** 1954 [1955] : 551-554.

Agárdi, E. (1). Lesser Spotted Eagle nesting in Mecsek-Mountains : 281. Curious ways of nesting in Mecsek-Mountains : 299. *Aquila* **55-58** 1948-51.

Agárdi, E. (2). The Wall-creeper in Hungary. *Aquila* **59-62** 1955 : 287-294. [In Hungarian.]

Airey, A. F. Whooper Swans in Southern Lakeland and North Lancashire. *Rep. Lancs. Chesh. Fauna Comm.* 30th 1955 : 20-21.

Aldrich, E. C. Pterylography and molt of the Allen Hummingbird. *Condor* **58** : 121-133 figs.

Aldrich, J. W. and **Duvall, A. J.** Distribution of American gallinaceous game birds. *Circ. U.S. Fish Wildl. Serv.* 34 1955 : 30 pp. illustr.

Alexander, K. M. A comparative study of the ash and iron content in the skeletal muscles of some representative vertebrates. *J. Zool. Soc. India* **7** : 163-169.

Alexander, W. B. and others. Proposed use of plenary powers to suppress the specific name *munda* Kuhl, 1820, as in the combinations *Procellaria munda* and *Nectris munda*. *Bull. zool. Nom.* **12** : 16-18.

Alexeyev, A. F. On the biology of *Capella media* Latham in the bottom-land of the Oka-river. [Summary.] *Zool. Zh.* **35** : 1422.

Al-Hussaini, A. H. Bird protection in Egypt. *Bull. zool. Soc. Egypt* **12** 1954 : 2-6.

Ali, S. Western limits of two East Himalayan birds : 468. Crows and Weaver-birds ; a ratiocination or what ? *J. Bombay nat. Hist. Soc.* **53** : 470-472.

Ali, S. and **Ambekar, V. C.** Notes on the Baya Weaver Bird, *Ploceus philippinus* Linn. *J. Bombay nat. Hist. Soc.* **53** : 381-389 1 pl.

Allan, R. M. Observations on the fauna of Heisker or Monach Isles, Outer Hebrides. *Scot. Nat.* **67** 1955 : 3-8.

Allen, F. G. H. The nesting of the Bluewinged Pitta (*Pitta megarhyncha* Schleg.). Malay. Nat. J. **10** 1955 : 67-68 2 pls.

Allen, R. H. and Rutter, G. The moult-migration of the Shelduck from Cheshire in 1955. Brit. Birds **49** : 221-225 fig.

Allen, S. W. Conserving Michigan's natural resources. Jack-Pine Warbler **34** : 87-93.

Allin, A. E. The Canadian Lake-head. Flicker Minnesota **28** : 34-36.

Almond, W. E. Whinchat singing in winter-quarters. Brit. Birds **49** : 183.

Alperin, I. M. A possible effect of sewage pollution on duck abundance. Proc. Linn. Soc. N.Y. Nos. 63-65 1954 : 74.

Altmann, S. A. Avian mobbing behavior and predator recognition. Condor **58** : 241-253.

Amadon, D. Support for Dr. Charles Vaurie's proposal for the rejection of the so-called "Horniman Pamphlet". Bull. zool. Nom. **11** : 352.

Amadon, D. (1). Results of the Archbold Expeditions. No. 73. Birds of the Archbold Biological Station, Lake Placid, Florida. Amer. Mus. Novit. No. 1790 : 1-22 5 figs.

Amadon, D. (2). Remarks on the starlings, family Sturnidae. Amer. Mus. Novit. No. 1803 : 1-41 3 figs.

Ambedkar, V. C. see Ali.

Amiet, L. Re-appearance of the White-winged Black Tern on the Queensland Coast. Emu **56** : 95-99.

Anderson, A. E. Unusual behaviour of a Golden Eagle in South-eastern New Mexico. Auk **73** : 287.

Anderson, W. A waterfowl nesting study on the grasslands, Merced County, California. Calif. Fish Game **42** : 117-130 2 figs.

Andrew, D. G. Song-flight of Wood Sandpiper on passage. Brit. Birds **49** : 39.

Andrew, I. G. Black-fronted Dotterel near Palmerston North. Notornis **6** : 185.

Andrew, R. J. Some remarks on behaviour on conflict situations, with

special reference to *Emberiza* spp. Brit. J. Anim. Behav. **4** : 41-45 1 fig.

Andrew, R. J. Normal and irrelevant toilet behaviour in *Emberiza* spp. Brit. J. Anim. Behav. **4** : 85-91.

Andrew, R. J. (1). Fear responses in *Emberiza* spp. Brit. J. Anim. Behav. **4** : 125-132.

Andrew, R. J. (2). Intention movements of flight in certain passerines, and their use in systematics. Behaviour **10** : 179-204.

Andrew, R. J. (3) Begging responses of certain buntings. Brit. Birds **49** : 107-111 fig.

Andrew, R. J. (4). Territorial behaviour of the Yellowhammer *Emberiza citrinella* and Corn Bunting *E. calandra*. Ibis **98** : 502-505.

Andrew, R. J. see Mayr.

Annan, O. Removal of banded Cowbird nestling by Veery. Bird-Banding **27** : 184.

Anschaue, M., Bernhouer, W., Kepka, O. and Skringer, H. Allgemeine faunistische Nachrichten aus Steiermark. II. Mitt. naturv. Ver. Steiermark **85** 1955 : 5-14.

Ansley, H. Do birds hear their songs as we do ? Proc. linn. Soc. N.Y. No. 63-65 1954 : 39-40.

Ara, J. Birds of the Bihar Forests. J. Bengal nat. Hist. Soc. **28** : 7-15, 90-98.

Arañez, J. B. and Sagain, C. S. Poulardization of native ducks. J. Amer. vet. med. Ass. **127** 1955 : 314-317 3 figs.

Archer, F. V. The Stone Curlew in the Newmarket area. Trans. Suffolk Nats.' Soc. **9** 1955 : 279.

Arellano, M. Un proyecto de estudio del habitat de las aves acuáticas en México. Nota preliminar. Rev. Soc. mex. Hist. nat. **15** 1954 : 87-94.

Armington, S. Svensk fågellitteratur 1955. Vår Fågelv. **15** : 251-262.

Armstrong, E. A. The amateur and the study of bird display : suggestions for further work. Brit. Birds **49** : 97-106.

Armstrong, E. A. (1). Territory in the Wren *Troglodytes troglodytes*. *Ibis* **98**: 430-437.

Armstrong, E. A. (2). Distraction display and the human predator. *Ibis* **98**: 641-654.

Arnold, K. A. Nesting of the Carolina Wren in Kalamazoo County, Michigan. *Jack-Pine Warbler* **34**: 139-140 fig.

Arnould, M., Cantoni, J., Deleuil, R. and Gouttenoire, G. Baguage d'oiseaux migrants au Cap-Bon. III. Printemps 1955: 337-340. Liste des oiseaux bagués repris en Tunisie (1954-1955). *Bull. Soc. Hist. nat. Tunis* **8** 3-4 1955: 341-353 1 fig.

Arnould-Taylor, W. E. and Mal-ewski, A. N. The factor of topography in bird homing experiments. *Ecology* **36** 1955: 641-646 5 figs.

Arny, M. T. Observations on the Screech Owl (*Otus asio*). *Proc. Linn. Soc. N.Y.* Nos. 63-65 1954: 71.

Aschenbrenner, L. and Peters, H. Feldsperlinge (*Passer montanus*) brüten in einer Uferschwalbenkolonie. *Orn. Mitt.* **8**: 133.

Aschenbrenner, L. and Peters, H. (1). Ein Überwinterungsplatz der Sumpfohreule (*Asio flammeus*). *Orn. Mitt.* **8**: 196-197.

Ash, J. S. The birds of Portland with particular reference to the Autumn of 1954. *Proc. Dorset nat. Hist. & arch. Soc.* **76**: 171-191.

Ash, J. (1). Aquatic Warbler in Dorset. *Brit. Birds* **49**: 85.

Ash, J. (2). Mimetic posturing of Red-backed Shrikes. *Brit. Birds* **49**: 178-180 fig.

Ash, J. (3). Siberian Chiffchaff in Dorset. *Brit. Birds* **49**: 182.

Ash, J. S., Ridley, M. W. and N. On the movements and survival of Woodpigeons and Stock Doves. *Brit. Birds* **49**: 298-305.

Ash, J. S. and Rooke, K. B. Female Pied Wheatear: the problem of identification. *Brit. Birds* **49**: 317-322.

Ash, J. S. *see* Blank.

Ashmole, N. P., Brown, R. G. B. and Tinbergen, N. Feeding associa-

tion between Coot and Little Grebe. *Brit. Birds* **49**: 501.

Ashton, H. Fifth progress and ringing report. *Ostrich* **27**: 5-13.

Askaner, T. *see* Peterson.

Asmundson, V. S. and Pun, C. F. Crooked neck dwarf in the turkey. *J. exp. Zool.* **131**: 225-238 pl.

Atkinson, R. *see* Roberts, B.

Attenborough, D. Zoo quest to Guiana. London (Lutterworth Press) pp. 187 frontis. col. 36 pls.

Attenborough, D. (1). Expedition to British Guiana. *Zoo Life* **10**: 109-116.

Auber, L. Cortex and medulla of bird-feathers. *Nature, Lond.* **176**: 1218-1219 3 figs.

Auer, W. Tod eines Stockentenerpels infolge Bleivergiftung! *Orn. Mitt.* **8**: 96.

Ausobsky, A., jun. Feldornithologische Beobachtungen. *Mitt. naturw. Arbeitsgun.* **5-6**: *Zool.* 48-50.

Austin, C. N. Range extension of three bird species. *Emu* **56**: 80.

Axell, H. E. Predation and protection at Dungeness Bird Reserve. *Brit. Birds* **49**: 193-212 2 pls.

Baan, G. van der. Reserves for migratory birds, a point of international importance. [Summary, p. 229]. *Natuur en Landsch.* **10**: 197-201.

Baan, G. van der (1). Vogels aan de Hondsbosse. *Levende Nat.* **59**: 241-248 4 figs.

Baboss, I. Ornithological observations in Eastern Hungary. *Aquila* **59-62** 1955: 465.

Badenhorst, M. The effect of a hailstorm on wintering European Storks. *Ostrich* **27**: 90 fig.

Baer, J. G. Facteurs écologiques et spécificité parasitaire. *Int. orn. Congr.* **11** 1954 [1955]: 293-295.

Baeumer, E. Lebensart des Haushuhns. *Z. Tierpsychol.* **12** 1955: 387-401 7 figs. [English summary.]

Baggerman, B., Baerends, G. P., Heikens, H. S. and Mook, J. H. Observations on the behaviour of the Black Tern, *Chlidonias n. niger* (L.) in the breeding area. *Ardea* **44**: 1-71 4 pls.

Bailey, A. M. The Bean Goose and other birds from St. Lawrence Island, Alaska. *Auk* **73** : 560.

Baillie, R. H. Hoopoes breeding in Herefordshire. *Brit. Birds* **49** : 453.

Balcells, R., E. and Palaus, X. Algunos datos sobre *Accipiter gentilis* L. en el Pirineo Español. *Pirineos* **10** 31-32 1954 : 263-270 3 figs. [English summary.]

Balfour, E. [and Wolfendale, R.]. Crane in Orkney [and Suffolk]. *Brit. Birds* **49** : 38.

Ballance, D. K. Yellowhammer alighting on the sea. *Brit. Birds* **49** : 456.

Bams, R. A. On the relation between the attachment of jaw muscles and the surface of the skull in *Podiceps cristatus* L., with some notes on the mechanical properties of this part of the head. III-IV. Descriptive part A. *Proc. ned. Akad. Wet.* **59c** 2 : 248-262 figs.

Band, R. M. Albinism related to age. *Brit. Birds* **49** : 153.

Bannister, I. More notes on the Spotted Flycatcher. *Trans. Herts. nat. Hist. Soc.* **24** : 185-187.

Banzo, J. M. Acerca de la captura en Santander de *Carduelis flammea cabaret* (Müll.). *Ardeola* **3** : 1-11.

Barclay-Smith, P. International protection of birds. *Nature, Lond.* **178** : 527-528.

Bargman, S. On the display and breeding of the King Bird of Paradise, *Cincinnurus regius rex* (Scop.) in captivity. *Nova Guinea N.S.* **7** : 197-205 8 pls.

Barham, K. E. I., Conder, P. J. and Ferguson-Lees, I. J. Bee-eaters nesting in Britain, 1955. *Bird Notes* **27** : 34-43.

Barnard, G. C. Nesting of the Blue-black Grassquit in Panamá. *Condor* **58** : 229-231.

Barnes, J. A. G. Delayed emigration of certain birds in autumn 1954. *Brit. Birds* **49** : 74-79, 161-171.

Barnes, R. G. and Peirson, G. Wiltshire bird notes for 1954. *Wiltsh. archaeol. nat. Hist. Mag.* **56** 202 1955 : 19-29.

Barraud, E. M. The Crossbill invasion of Great Britain in 1953. *Brit. Birds* **49** : 289-297 figs.

Barrett, C. An Australian Animal Book. Melbourne, Wellington (Geoffrey Cumberlege, Oxford Univ. Press) Second edition 1955 : 108-259 illustr.

Barriéztz, L. Le Baguage des Oiseaux au Pays Basque. *Bull. Centre Ét. Rech. Sci. Biarritz* **1** : 131-138 map.

Barruel, P. Iconographie des Oiseaux de France. *Mem. Soc. orn. Marin. Fr. No. 5* 3 1955 : 12 col. pls.

Barry, M. Probable occurrence of a Nightingale in Co. Kerry. *Irish Nats.' J.* **11** 1955 : 347.

Barry, T. W. Observations of a nesting colony of American Brant. *Auk* **73** : 193-202.

Bársony, G. Wallcreeper in Újdiósgyőr. *Aquila* **55-58** 1948-51 : 294.

Bársony, G. (1). Raven's nest continually inhabited for 36 years : 444. Corn-Bunting's nesting in a colony : 449. Beginning of bird's song at dawn : 456. *Aquila* **59-62** 1955.

Bartels, H. Observations on a nest-hole of the Wreathed Hornbill in Sumatra. *Limosa* **29** : 1-18 20 figs.

Bartholomew, G. A. and Cade, T. J. Water consumption of House Finches. *Condor* **58** : 406-412.

Bartholomew, G. A., Jr. and Dawson, W. R. Body temperature and water requirements in the Mourning Dove, *Zenaidura macroura marginella*. *Ecology* **35** 1954 : 181-187 8 figs.

Bartholomew, G. A., Jr. and Dawson, W. R. (1). Temperature regulation in young pelicans, herons, and gulls. *Ecology* **35** 1954 : 466-472 5 figs.

Barthos, G. Common Sheld Duck in county of Somogy : 276. Unusual behaviour of Goshawk : 282. Notes on the breeding of Scops Owl : 286. *Aquila* **55-58** 1948-51.

Bartlett, L. M. Observations on birds "hawking" insects. *Auk* **73** : 127.

Barton, R. How to watch birds, N.Y. 1955 : 1-229 figs.

Bäsecke, K. Beiträge zur Vogelwelt der näheren und weiteren Umgebung Braunschweigs. Beitr. Naturk. niedersachs. **9** : 78–82.

Bäsecke, K. (1). Sonnenbadende Kleiber. Vogelwelt **77** : 29.

Bäsecke, K. (2). Unterschiede im Verhalten des Raubwürgers in zwei niedersächsischen Landschaftsformen. Vogelwelt **77** : 50–54 pl.

Bäsecke, K. (3). Türkentaube im Stadtgebiet Braunschweig. Vogelwelt **77** : 121.

Bastin, E. W. Wilson's Petrel in southern Ontario. Wilson Bull. **68** : 76.

Bástyai, L. Contributions on the moulting of day-raptorial birds : 164. Observations on bird-migration at the fish-pond of Óhat : 435. Aquila **59–62** 1955.

Bates, R. S. P. Purple Heron in Surrey. Brit. Birds **49** : 148.

Bauer, K. Östlicher Drosselrohrsänger (*Acrocephalus arundineus orientalis* Temm. & Schl.) am Neusiedlersee gefangen. J. Orn. **97** : 342.

Bauer, K. (1). Schleiereule (*Tyto alba* Scop.) als Fledermausjäger. J. Orn. **97** : 335–340.

Bauer, K., Freundl, H. and Lugitsch, R. Weitere Beiträge zur Kenntnis der Vogelwelt des Neusiedlersee-Gebietes. Wiss. Arb. Burgenland. No. 7 1955 : 1–113.

Baxter, E. V. Review of Ornithological changes in Scotland in 1953 [& 1954]. Scot. Nat. **67** 1955 : 98–105, [68 : 1–9].

Bayly, P. N. and Spheris, N. The Crowned Hawk Eagle. Afr. Wild Life **10** : 115–119 4 figs.

Beardslee, C. S. and others. Spring migration regional reports. Kingbird **6** : 51–72.

Beardslee, C. S. and others. Regional reports. Kingbird **6** : 90–104.

Beck, A. B. The copper content of the liver and blood of some vertebrates. Aust. J. Zool. **4** : 1–18.

Beck, H. H. Status of Upland Plover in Lancaster County, Pennsylvania. Auk **73** : 135.

Beckmann, K. O. Spatelenten, *Bucephala islandica*, am Mittelrhein ? J. Orn. **97** : 239.

Beckmann, K. O. (1). Zu : "Ornithologische Ferienbetrachtungen in Süd-Tirol". Orn. Mitt. **8** : 114.

Bédé, P. Sur les captures d'Aigles criards (*Aquila clanga* Pallas) dans le N. de l'Afrique et spécialement en Tunisie. Bull. Soc. Hist. nat. Tunis **8** 3–4 1955 : 355–358.

Bednall, D. K. Black-browed Albatross at Mombasa. Ibis **98** : 138.

Beer, J. R., Frenzel, L. D. and Hansen, N. Minimum space requirements of some nesting passerine birds. Wilson Bull. **68** : 200–209 fig.

Beer, J. V. and others. Some photographic studies of White-fronted and Lesser White-fronted Geese. Brit. Birds **49** : 216 8 pls.

Beesley, J. H. South African Kite fishing. Bull. Brit. orn. Cl. **76** : 108.

Beesley, J. S. S. Note on *Ploceus reichardi* Reichenow. Bull. Brit. orn. Cl. **76** : 158.

Behle, W. H. A systematic review of the Mountain Chickadee. Condor **58** : 51–70.

Béldi, M. Migration notes from the county of Bihar. Aquila **55–58** 1948–51 : 308.

Béldi, M. (1). Notes on bird-occurrences in Transsylvania. Aquila **59–62** 1955 : 231.

Belknap, J. B. History of New York state ornithology. The Colonial period. Kingbird **6** : 74–76.

Bell, M. and others. Marsh Sandpiper in Northumberland. Brit. Birds **49** : 324.

Bell, T. H. Notes on the birds of the Urban District of Wilmslow, Cheshire. Northw. Nat. N.S. **3** : 383–393 map.

Bellairs, R. Studies on the development of the foregut in the chick blastoderm. J. Embryol. exp. Morph. **1** 1953 : 369–385 11 figs.

Belopolsky, L. O. Oviposition date of the marine birds and factors determining the oviposition date. [Summary]. Zool. Zh. **35** No. 10 : 1522–1534 6 figs.

Bemmel, A. C. V. v. *see* Terlingen.

Benington, A. and others. Photographic studies of some less familiar birds. LXXII. Gyr Falcon. Brit. Birds **49** : 310-311 7 pls.

Benson, C. W. New and unusual records from Northern Rhodesia. Ibis **98** : 595-605.

Benson, C. W. (1). The Joyful Bulbul *Chlorocichla laetissima* (Sharpe) and other new birds from Northern Rhodesia. Rev. Zool. Bot. afr. **54** : 118-120.

Benson, C. W. (2). The races of Whyte's Barbet. Bull. Brit. orn. Cl. **76** : 14-16.

Benson, C. W. (3). The relationship of *Passer griseus* (Vicillot) and *Passer diffusus* (Smith) with a description of a new race of the latter. Bull. Brit. orn. Cl. **76** : 38-42.

Benson, C. W. and **Pitman**, C. R. S. Some breeding records from Northern Rhodesia. Oolog. Rec. **30** : 7-11, 21-27, 37-43.

Benson, C. W. and **Serventz**, D. L. Breeding data from Katema Island, Northern Rhodesia. Ostrich **27** : 171-172.

Benson, C. W. *see* Moreau.

Benton, A. H. *see* Parkes.

Béres, J. Indian Ring-dove in Mámarossziget. Aquila **55-58** 1948-51 : 274.

Beretzky, P. Winter movements of Indian Ring-dove, *Streptopelia d. decaocto* 273-274. Swift, breeding in Szeged : 286-287. Abundance of Bearded Titmouse in the autumn of 1950 : 295. Fatal accident of breeding Great Reed-warbler : 300. Aquila **55-58** 1948-51.

Beretzky, P. (1). Recent data on the birds of Lake Fehértó near Szeged : 226. Nesting of the Southern Black-headed Gull at Lake Fehértó near Szeged : 430. Birds rarely occurring at Lake Fehértó near Szeged : 433. The Swift's regular nesting at Szeged : 442. Contributions to bird-organism's ability for regeneration of the tissues : 467. Epidemic disease of wild birds on Lake Fehértó near Szeged : 468. Aquila **59-62** 1955.

Berger, A. J. The Expansor Secundarium muscle, with special reference to passerine birds. J. Morph. **99** : 137-163 pls.

Berger, A. J. (1). Two albinistic Alder Flycatchers at Ann Arbor, Michigan. Auk **73** : 137.

Berger, A. J. (2). On the anatomy of the Red Bird of Paradise, with comparative remarks on the Corvidae. Auk **73** : 427-446.

Berger, A. J. (3). Further notes on alcoholic specimens. Auk **73** : 452.

Berger, A. J. (4). Anatomical variation and avian anatomy. Condor **58** : 433-441.

Berger, A. J. (5). The appendicular myology of the Sandhill Crane, with comparative remarks on the Whooping Crane. Wilson Bull. **68** : 282-304 fig.

Berger, A. J. (6). The appendicular myology of the Pygmy Falcon (*Polihierax semitorquatus*). Amer. midl. Nat. **55** : 326-333 3 figs.

Berger, A. J. (7). Barn Swallows and Rough-winged Swallows nesting under bridges. Jack-Pine Warbler **34** : 10.

Berger, D. D. Marsh Hawk pursues domestic cat. Auk **73** : 288.

Berger, D. D. (1). Kunsthörste für den Uhu (*Bubo virginianus*) in Wisconsin. Vogelwarte **18** : 183-185 fig.

Bergman, G. Zur Populationsdynamik des Buchfinken, *Fringilla coelebs*. Ornith. fenn. **33** : 61-71.

Bergman, G. On the development of the behaviour in chicks of the Caspian Tern (*Hydroprogne tschegrava*). Vår Fågelv. **15** : 223-245 figs.

Bergman, G. (1) On the uniting of broods of *Mergus serrator* and *Mergus merganser*. Fauna och Flora **51** 3 : 97-110 2 figs.

Berg-Schlosser, G. Zum Gesang des Zweifliegens-Schnäppers (*Ficedula parva*). Vogelwelt **77** : 88.

Bergstrom, E. A. Extreme old age in birds. Bird-Banding **27** : 128.

Bergstrom, E. A. and **Drury**, W. H., Jr. Migration sampling by trapping : a brief review. Bird-Banding **27** : 107-120.

Berlitz, J. Considérations générales sur le Vénézuéla et sur son peuplement avien. C.R. Soc. Biogéogr. **32** 1955 : 7-11.

Berlitz, J. (1). Note sur trois spécimens d'*Hypocalius ampelinus* Bp. Bull. Mus. Hist. nat., Paris (2) **28** : 177-179.

Berlitz, J. (2). Étude d'une collection d'oiseaux du Dahomey. Bull. Mus. Hist. nat. Paris (2) **28** : 261-264.

Berlitz, J. (3). Note complémentaire sur les Couroucous du genre *Pharomacrus*. Oiseau **26** : 19-23.

Berlitz, J. (4). Quelques observations ornithologiques au cours d'un voyage dans l'Inde. Oiseau **26** : 31-53.

Berlitz, J. and Gillet, H. Note sur le *Cossypha Heuglini* Hartlaub (avec description d'une sous-espèce nouvelle du Tchad). Oiseau **26** : 135-138.

Berlitz, J. and Dorst, J. Quelle est l'identité du *Bolborychus orbigniesius* (Souancé) ? Oiseau **26** : 81-86 pl.

Bernath, G. *Coracias g. garrulus* Roller, nesting in buildings. Aquila **55-58** 1948-51 : 291-292.

Berndt, R. Zweitbrutnachweis beim Gartenbaumläufer (*Certhia brachydactyla*). Vogelwarte **18** : 222-223.

Berndt, R. (1). Zum Durchzug des Wasserpiepers (*Anthus spinoletta* (L.)) im nördlichen Deutschland. Vogelwelt **77** : 15-18.

Berndt, R. and Dancker, P. Hat die Bekassine (*Capella gallinago*) einen besonderen Tücketücke-Balzflug? Vogelwelt **77** : 60.

Berndt, R. and Moeller, J. Zum Vorkommen des Sichelstrandläufers (*Calidris ferruginea*) in nordwest-deutschen Binnenland. Beitr. Naturk. niedersachs. **8** 4 1955 : 118-120.

Berndt, R. and Moeller, J. (1). Neue und alte Funde der Schwarzkopfmöwe (*Larus melanocephalus* Temm.) in Deutschland. Orn. Mitt. **8** : 105-107.

Bernhoft-Osa, A. Notes on a singing female pine-grosbeak, *Pinicola enucleator*. Vår Fågelv. **15** : 245-247.

Bernis, F. Sobre nidificación y presencia estival de aves en España

Central (año 1951). Bol. Soc. esp. Hist. nar. Secc. Biol. **50** 1 1952 : 5-16 3 pls. [English summary].

Bernis, F. (1). El anillamiento científico de aves migradoras en la actualidad. Bol. Soc. esp. Hist. nat. Secc. Biol. **51** 1954 : 143-144.

Bernis, F. (2). Acotaciones al estudio de la migración de la aves en España, con otros comentarios. Bol. Soc. esp. Hist. nat. Secc. Biol. **50** 1 1952 : 155-161.

Bernis, F. (3). An ecological view of Spanish avifauna with reference to the Nordic and Alpine birds. Int. orn. Congr. **11** 1954 [1955] : 417-423 figs.

Bernis, F. (4). Algunas capturas de Anatidae en Valencia y delta del Ebro. Ardeola **3** : 19-29. [English summary].

Bernis, F. (5). Nota preliminar sobre aves de Asturias y Galicia. Ardeola **3** : 31-42. [English summary].

Bernis, F. (6). Acerca del canto y migración de *Sylvia atricapilla* en la Peninsula. Ardeola **3** : 43-49.

Bernis, F. (7). Sobre la Garceta (*Egretta*) de color negruzco aparecida en Doñana. Ardeola **3** : 93-114. [English summary].

[**Bernis, F.**] (8). Sección ornitología aplicada y protección. Ardeola **3** : 127-172.

Bernis, F. and Valverde, J. A. Sobre la garza real (*Ardea c. cineria*) en España. Bol. Soc. esp. Hist. nat. Secc. Biol. **50** 2 1952 : 201-213 1 pl. [English summary].

Bernis, F. see Rowan.

Bernis, F. see Smith, G. T. C.

Beruldsen, G. Hawks of Yorke Peninsula : 23-25. Note on the Night Parrot : 28. S. Aust. Orn. **22**.

Bethlenfalvy, E. Nesting of the White Stork in the Tatra : 434. The Indian Ring-Dove's settling at the foot of the High-Tatra in Slovakia : 441. Golden Eagle feeding on ants : 451. Aquila **59-62** 1955.

Bettmann, H. Kolbenente (*Netta rufina*) am Niederrhein. Orn. Mitt. **8** : 96.

Bettmann, H. (1). Überwinternde Weihen am Niederrhein. Orn. Mitt. **8** : 130.

Betts, F. N. Notes on birds of the Subansiri area, Assam. J. Bombay nat. Hist. Soc. **53** : 397-414 1 pl. map.

Betts, F. N. (1). Colonization of islands by White-eyes (*Zosterops* spp.). J. Bombay nat. Hist. Soc. **53** : 472.

Betts, M. M. Further experiments with an artificial nestling Gape. Brit. Birds **49** : 213-215 2 pls.

Beven, G. Further observations on the bird population of an oakwood in Surrey (Eastern Wood, Bookham Common)—11. Lond. Nat. No. 35 : 21-32 7 figs.

Bezzel, E. Biologische Beobachtungen über die Tafelente (*Aythya ferina*) im Ismaninger Teichgebiet. Anz. Orn. Ges. Bayern **4** : 274-297.

Bezzel, E. (1). Über den Vogelzug im Frühjahr auf Sardinien. Anz. Orn. Ges. Bayern **4** : 401-412.

Billett, D. F. Blackbird alighting on the sea. Brit. Birds **49** : 456.

Binns, G. Proceedings of the annual congress of the R.A.O.U., Port Arthur, Tasmania, 1955. Emu **56** : 40-46.

Biswas, B. A large Indian Kite, *Milvus migrans lineatus* (Gray), with a split bill. J. Bombay nat. Hist. Soc. **53** : 474 fig.

Bixler, I. V. Blue Jay in New Mexico. Condor **58** : 239.

Blaak, H. Watervogels in het duingebied nabij Den Haag. Levende Nat. **59** : 198-201 2 figs.

[**Blagodatskaya, G. I.** Significance of light in the general growth and sexual development of Geese]. Trud. Inst. Zool. Kiev. **12** 1955 : 68-82 9 figs. [In Russian].

[**Blagosklonov, K. N.** Peculiarities of nesting in birds using artificial nests instead of hollows]. Ornith. Conf. Riga 1951 1953 : 187-201 figs. [In Russian].

Blake, C. H. The wings of *Teratornis merriami*. Int. orn. Congr. **11** 1954 [1955] : 261-263 figs.

Blake, C. H. (1). Weight changes in birds. The topography of a bird. Bird-Banding **27** : 16-31 figs.

Blake, C. H. (2). Wing length in the Black-capped Chickadee. Bird-Banding **27** : 32.

Blake, C. H. (3). Differential contributions of year classes. Some bird weights from Jamaica. The soft parts of some Jamaican birds. Observations on the Streamer-tailed Humming bird. Bird-Banding **27** : 171-184.

Blake, C. H. (4). Bird-banding. Nat. Hist. Notes **7** 75 1955 : 59-61.

Blake, E. R. A collection of Panamanian nests and eggs. Condor **58** : 386-388.

Blake, E. R. (1). Unusual eggs of the Boat-billed Heron. Wilson Bull. **68** : 251-252.

Blanc, T. Grives littorales et Pies-grièches dans la Basse-Broye. Un nid de Marouette poussin près de Chevroux. Nos Oiseaux **23** : 165-171.

Blanc, T. (1). Aventures d'élevage avec mon Busard. Nos Oiseaux **23** : 205-208 fig.

Blanc, T. (2). Curieux comportement d'un Héron cendré au nid. Une accumulation de proies sur un nid de Buses. Dans un nid de Milan noir. Une ponte remarquable de Rouge-queue à front blanc. Le Bergeronnette grise, locataire chez le Héron cendré. Etourneaux et tempêtes de neige. Nos Oiseaux **23** : 217-220.

Blanc, T. (3). Corneille et Perdrix. L'Etourneau imitateur d'oiseaux de basse-cour. Essaims d'abeilles et nids d'oiseaux. Nos Oiseaux **23** : 247-248.

Blanc, T. and Manuel, F. Au nid du Busard des roseaux, *Circus aeruginosus*. Nos Oiseaux **23** : 197-205 4 pls.

Blanchet, A. Les oiseaux de Tunisie (Birds of Tunisia de J. I. S. Whitaker, 1905) Liste revue, corrigée et complétée (novembre-décembre 1943). Ouvrage revu, noté et mis à jour en 1954 par : H. H. de Balsac, J. Cantoni, J. Deleuil et M. G. Gouttenoire. Mém. Soc. Sci. nat. Tunis No. 3 1955 : 1-84.

Blank, T. H. and Ash, J. S. A population of Partridges (*Perdix p. perdix* and *Alectoris r. rufa*) on a Hampshire estate. Int. orn. Congr. **11** 1954 [1955] : 424-427.

Blank, T. H. and Ash, J. S. (1). The concept of territory in the Partridge *Perdix p. perdix*. Ibis **98** : 379-389 figs.

Blaxland, F. J. Hand-rearing of the Scarlet-chested Parakeet. Proc. R. zool. Soc. N.S.W. **1954-55** : 16-19.

Bleitz, D. Eggs of the California Quail in the nest of a Spotted Towhee. Condor **58** : 77-78 fig.

Bleitz, D. Heavy parasitization of Blue Grosbeaks by Cowbirds in California. Condor **58** : 236-238 fig.

Blezard, E. Food of birds. Northw. Nat. N.S. **3** : 307-309.

Bloesch, M. Algerische Störche für den Storchansiedlungsversuch der Vogelwarte Sempäch. Orn. Beob. **53** : 97-104 figs.

Blotzheim, U. G. von. Zur Vorratsanlegung des Tannenhähers. Orn. Beob. **53** : 36-40 fig.

Blouch, R. I. Results of a survey of pheasant hunters by mail. Pap. Mich. Acad. Sci. **41** : 99-107 2 figs.

Blough, D. S. Technique for studying the effects of drugs on discrimination in the pigeon. Ann. N.Y. Acad. Sci. **65** : 334-344 6 figs.

Blum, J. Wacholderdrosselbeobachtungen in der Umgebung Adelbodens. Orn. Beob. **53** : 104-107 figs.

Blume, D. Verhaltensstudien an Schwarzspechten (*Dryocopus martius*). Ein Beitrag zur Methodik des Freiland-Attrappen-Versuches. Vogelwelt **77** : 129-151 figs.

Bó, N. A. Observaciones sobre las razas argentinas de *Nycticorax nycticorax*. Notas Mus. Eva Perón **18** 1955 : 43-57 7 figs. map.

Boback, A. W. Das Auerhuhn. Leipzig (Geest & Portig) 1952 55 pp. 22 illustr. (Neue Brehm-Bücherei Heft 86).

Boback, A. W. (1). Unsere Wildenten. Wittenberg Lutherstadt (A. Ziemsen Verlag) 1954 109 pp. 48 illustr. (Neue Brehm-Bücherei Heft 131).

Bock, W. J. A generic review of the family Ardeidae (Aves). Amer. Mus. Novit. No. 1779 : 1-49 1 fig.

Böcker, H.-U. Möwen, Raubmöwe und seltene Limicolen am Dümmer. Beitr. Naturk. niedersachs. **9** 4 : 89.

Bodenstein, G. Strandpieper im Binnenland—Spatelenten am Mittelrhein. Eine vermutliche Ruderente auf dem Rhein im Winter 1954/55. J. Orn. **97** : 92.

Bodenstein, G. Über den Flug von Kleinvögeln. Orn. Mitt. **8** : 208-209.

Boehm, E. F. Plumed Tree-Duck in South Australia. Emu **56** : 68.

Boehm, E. F. (1). Aërial singing of Jacky Winter. Emu **56** : 210.

Boehm, E. F. (2). Spotted Bower-Bird in South Australia. S. Aust. Orn. **22** : 2-3.

Boetticher, H. von. Zur Familiensystematik der Singvögel (Oscines). Anz. Orn. Ges. Bayern **4** 3 1954 : 138-143.

Boetticher, H. v. (1). Der gelbschnäbelige Eis-Seetaucher. (Nomenklatur und Systematik). Anz. Orn. Ges. Bayern **4** 3 1954 : 170.

Boetticher, H. v. (2). Der Blaufuss-Tölpel "Camaany", *Sula nebouxii* Milne-Edwards. Anz. Orn. Ges. Bayern **4** 5 1955 : 375.

Boetticher, H. v. (3). Die Widahvögel und Witwen. Leipzig (Geest & Portig) 1952 88 pp. 20 illustr. 3 col. pls. (Neue Brehm-Bücherei Heft 63).

Boetticher, H. v. (4). Gänse- und Entenvögel aus aller Welt. Eine zusammenfassende Übersicht über die Gänse- und Entenvögel der Erde. Leipzig (Geest & Portig) 1952 95 pp. 25 illustr. diagrms. 1 col. pl. (Neue Brehm-Bücherei Heft 73).

Boetticher, H. v. (5). Die Perlhühner. Wittenberg Lutherstadt (A. Ziemsen Verlag) 1954 55 pp. 30 illustr. 3 maps. (Neue Brehm-Bücherei Heft 130).

Boetticher, H. v. (6). Die Lärmvögel Turakos und Pisangfresser (Musophagidae). Wittenberg Lutherstadt (A. Ziemsen Verlag) 1955 72 pp. 24 illustr. 10 maps, 1 col. pl. (Neue Brehm-Bücherei Heft 147).

Boetticher, H. v. (7). Albatrosse und andere Sturmvögel. Wittenberg Lutherstadt (A. Ziemsen Verlag) 1955 96 pp. 33 illustr. (Neue Brehm-Bücherei Heft 163).

[Bogdanov, O. P. Reproduction of *Streptopelia senegalensis ermanni*]. Priroda **12** 1955 : 114-115 2 figs. [In Russian].

Bognar, S. *Phthorimaea ocellatella*-larvae, food of the Tree-sparrow and Crested-lark. *Aquila* **55-58** 1948-51 : 266.

Bókai, B. Abnormally coloured Siskin. *Aquila* **55-58** 1948-51 : 298.

Bókai, B. (1). Irregularities of wild birds' development. Ornithological data from the Pilis mountains north of Budapest. *Aquila* **59-62** : 458. 459.

Bolliger, A. and Gross, R. Non-Keratins of avian and mammalian skin flakes. *Aust. J. exp. Biol. med. Sci.* **32** 1954 : 747-756.

Bolten, W. The digestibility of the carbohydrate complex by birds of different ages. *J. Agric. Sci.* **46** 1955 : 420-424.

Bond, J. Additional notes on Peruvian birds I. *Proc. nat. Acad. Sci. Philad.* **107** 1955 : 207-244.

Bond, J. (1). Additional notes on Peruvian birds II. *Proc. Acad. nat. Sci. Philad.* **108** : 227-247.

Bond, J. (2). Nesting of the Pygmy Palm-Swift. *Auk* **73** : 457.

Boosey, E. J. Foreign Bird Keeping. Forty years' experience in their breeding and management. London (Cage Birds) pp. 342 pls.

Borg, K. Long-tailed Tits (*Aegithalos caudatus*) taking shelter in a hole in the ground. *Vår Vågelv.* **15** : 130 fig.

[**Borodulina, T. L.** Morphological and functional investigation of the bird's tail]. *Trud. Inst. Morf. Zhiv.* **9** 1953 : 76-99 11 figs. [In Russian].

[**Borodulina, T. L. (1).** Biology of terns. Biology and economic significance of *Sterna hirundo* in pisciculture. *Trud. Inst. Morf. Zhiv.* **9** 1953 : 100-139 pp. [In Russian].

Borrer, D. J. Variation in Carolina Wren songs. *Auk* **73** : 211-229 9 pls.

Borrer, D. J. and Reese, C. R. Vocal gymnastics in Wood Thrush songs. *Ohio J. Sci.* **56** : 177-182 2 figs.

Boston, F. M. Savi's Warbler in Cambridgeshire. *Brit. Birds* **49** : 326-327.

Boswell, C. *see* Moore, H. J.

Botni, N. á. Hugskaat um hvítarvinn. (*Corvus corax varius* mut.). *Fróðskaparrit*

1 1952 : 114-121 figs. [English summary].

Bouet, G. Acquisitions récentes sur la migration des Cigognes nord-africaines. *Int. orn. Congr.* **11** 1954 [1955] : 637-639.

Bouet, G. (1). L'alimentation des jeunes Cigognes blanches au nid. Rôle des insectes. *Oiseau* **26** 1956 : 59-61.

Bouet, G. (2). Une mission ornithologique en Algérie en 1955. Nouvelles recherches sur les Cigognes. *Oiseau* **26** : 227-240.

Bouillault, J. and Filloux, J. C. Un mangeur exclusif de reptiles : le Circaète. *Nature, Paris* No. 3250 : 60-62 2 figs.

Bouillault, J. and Filloux, J. C. (1). Le plus étrange de nos rapaces nocturne : la Chouette Effraie. *Nature, Paris* No. 3253 : 161-162.

Bouillault, J. and Filloux, J. C. (2). Le remariage chez les Buses. *Nature, Paris* No. 3256 : 322-324 2 figs.

Boulière, F. Oiseaux exotiques dans leur milieu. *Terre et la Vie* **103** : 28-31 4 pls., 101-103 2 pls.

Boulière, F. *see* Morel.

Boulière, F. *see* Prevost.

Bourne, W. R. P. Notes on a skull of the genus *Bulweria* from St. Helena. *Bull. Brit. orn. Cl.* **76** : 126-129.

Bousson, E. A. and others. Brève communications. *Gerfaut* **46** : 223-234.

Boutinot, S. Faune ornithologique du Vermandois (région de Saint-Quentin). *Oiseau* **26** : 87-117.

Boutinot, S. (1). Premier cas d'hivernage d'une Fauvette à tête noire dans le Vermandois : 154. Capture d'un Eider : 155. Capture d'une Bernache du Canada dans la région de Saint-Quentin. *Oiseau* **26** : 156.

Bowman, R. I. *see* Miller, A. H.

Boyd, A. W. Inland gull roosts in Cheshire. Cheshire rookeries. *Rep. Lancs. Chesh. Fauna Comm.* 30th 1955 : 22-38 map.

Boyd, A. W. British Ornithologists' Union. British Records Sub-Committee : first report. *Ibis* **98** : 154-157.

Boyd, J. M. Fluctuations of Common Snipe, Jack Snipe and Golden Plover in Tiree, Argyllshire. *Bird Study* **3** : 105-118.

Boyd, J. M., Mumus, D. J. and Whitehouse, A. A. K. The birds of St. Kilda, May 1955. *Scot. Nat.* **68** : 14-22.

Boyle, G. L. Lapwing chicks "pattering" and feeding on tadpoles. *Brit. Birds* **49** : 502.

Boynton, M. F. Fuertes, Louis Agassiz. His life briefly told and his correspondence edited by Mary Fuertes Boynton. New York (Oxford University Press) 1956 pp. 317 17 pls.

Braaksma, S. and others. Enige broedvogels in Noord-Brabant. *Limosa* **29** : 131-135, 144-147.

Brackbill, H. Unstable migratory behavior in a Mocking bird. *Bird-Banding* **27** : 128.

Bradford, E. J. Birds in the Warwick area 1955-56. *Rep. Warwick nat. Hist. Soc.* **1956** : 28-33 1 pl.

Braestrup, F. W. Fuglenes Verden. Hans Reitzel Forlag, København, 1953 : 1-11 pls. figs.

Braestrup, F. W. (1). Dyrenes udvikling. Hans Reitzel Forlag, København, 1954 : 1-94 figs.

Brander, T. Bidrag till Urdiala Sockens (Ta) fågelfauna. *Memor. Soc. Fauna Flora fenn.* **30** 1955 : 55-57.

Brander, T. (1). Om av spillkråkan (*Dryocopus martius* L.) huggna hål i ladväggar och ledningsstolpar. *Memor. Soc. Fauna Flora fenn.* **31** : 69-74 1 fig.

Brander, T. (2). Iakttagelser om Kajans (*Coloeus monedula* L.) leenads-
vanor i S.W. = Tavastland (Ta). *Memor. Soc. Fauna Flora fenn.* **31** : 75-77.

Brander, T. (3). Iakttagelser om alkekungen (*Alle alle* L.). *Memor. Soc. Fauna Flora fenn.* **31** : 77-79 4 figs.

Brander, T. (4). Om bioråkens trastdiet. *Memor. Soc. Fauna Flora fenn.* **31** : 79-80.

Brander, T. (5). Om trädskryparens näringssök. *Memor. Soc. Fauna Flora fenn.* **31** : 80-81 1 fig.

Brander, T. (6). Om *Lanius* = arternas och spurvugglaus (*Glaucidium passerinum* L.) hamstringsmetoder. *Memor. Soc. Fauna Flora fenn.* **31** : 81-82 2 figs.

Brander, T. (7). Urinkonsumerande Frigillidae : 82. En del fågelarters beteende inför rovfågel : 83. Några iakttagelser om hackspettars beteende under parningstid : 85. Missbildade småfåglar : 88. *Memor. Soc. Fauna Flora fenn.* **31** : 82-88.

Brathwaite, D. H. Notes on some rare birds recently recorded in Hawke's Bay. *Notornis* **7** : 56-58.

Brathwaite, D. H. (1). An unusual case of albinism in a Blackbird. *Notornis* **6** 7 : 217 fig.

Brattstrom, B. H. and Howell, T. R. The birds of the Revilla Gigedo Islands, México. *Condor* **58** : 107-120 figs.

Braun, R. H. Beitrag zur Biologie von *Xenocopsychus ansorgei* Hartert. *J. Orn.* **97** : 41-43 2 pls.

Breckenridge, W. J. Measurements of the habitat niche of the Leas-Flycatcher. *Wilson Bull.* **68** : 47-51 fig.

Breistroffer, M. Capture d'un Fou de Bassan dans l'Isère. *Alauda* **24** : 71.

Breneman, W. R. Reproduction in birds : the female. *Mem. Soc. Endocrinology* **4** 1955 : 94-113.

Brenning, U. Vom Vogelzug in Mecklenburg. *Arch. Fr. Naturg. Mecklenburg* **2** : 9-34 2 figs.

Bressou, C. Actes de la Réserve de Camargue, No. 28 1954-55. *Terre et la Vie* **102** 1955 : 213-224.

Breuer, G. To the biology of the White Stork. *Aquila* **55-58** 1948-51 : 279.

Breuer, G. Avocet in the Balaton-territory : 440. Occurrence of the Levante Sparrow Hawk in Transdanubia : 437. Nesting of the White-tailed Eagle at Varászló : 437. *Aquila* **59-62** 1955.

Briche, L. Cas de difference annuelle de voie de migration et de territoire d'hivernage. *Alauda* **24** : 145.

Briche, L. (1). Nid de Cochevis huppé *Galerida cristata* (L.) parasité par le Coucou gris *Cuculus canorus* L. *Alauda* **24** : 310-311.

Brickenstein-Stockhammer, C. and Drost, R. Über den Zug der europäischen Grasmücken *Sylvia atricapilla*, *borin*, *c. communis* und *c. curruca* nach Beringungsergebnissen. *Vogelwarte* **18** : 197-210 figs.

Brierley, J. and Hemmings, W. A. The selective transport of antibodies from the yolk sac to the circulation of the chick. *J. Embryol. exp. Morph.* **4** : 34-41 4 figs.

Briggs, R. C. R. Editor. St. Andrew's College (Grahamstown) nat. Hist. Soc. Redwing **3**.

Brink, J. M. van and Ubbels, G. A. La question des hétérochromosomes chez les Sauropsidés. Oiseaux. *Experientia* **12** : 162-164. 6 figs. [English summary].

Brinkmann, M. Die Reiherkolonien im Osnabrückischen. *Beitr. Naturk. niedersachs.* **8** 4 1955 : 105-109.

Brinkmann, M. (1). Weitere Ergebnisse der Storchzählung im Bezirk Osnabrück von 1944 bis 1954. *Veröff. naturw. Ver. Osnabrück* **27** 1955 : 37-53.

Brinkmann, M. (2). Von der Begleitlebewelt in Reiherwäldern. *Orn. Mitt.* **8** : 90-93.

Brinkmann, M. (3). Ungewöhnlicher Einzug nordischer Enten und anderer Wasservögel in das Stadttinnere von Osnabrück : 115. Saatgänse (*Anser fabalis*) in und um Osnabrück. *Orn. Mitt.* **8** : 116.

Brinkmann, M. (4). Brüten der Türkentaube im Raum Osnabrück-Münster. *Vogelwelt* **77** : 123.

Brinkmann, W. Schwaneninvansion im Frühjahr 1956 im Emsland. *Orn. Mitt.* **8** : 113.

Brinkmann, W. (1). Wer führt die Jungen beim Goldregenpfeifer ? *Vogelwelt* **77** : 118.

Brodkorb, P. Pleistocene birds from Eichelbeyer Cave, Florida. *Auk* **73** : 136.

Brodkorb, P. (1). Two new birds from the Miocene of Florida. *Condor* **58** : 367-370 2 figs.

Brodkorb, P. (2). Pleistocene birds from Crystal Springs, Florida. *Wilson Bull.* **68** : 158.

Broekhuysen, G. J. Moults adaptation in relation to long-distance migration. *Nature, Lond.* **178** : 489-496.

Broekhuysen, G. J. (1). The late Dr. Leonard Gill. *Ostrich* **27** : 153.

Broekhuysen, G. J. (2). Occurrence and movement of migratory species in Rhodesia and Southern Africa during the period 1950-1953 Part II. *Ostrich* **27** : 159-167.

Broekhuysen, G. J. (3) and M. H. Horus Swifts breeding near George in the Cape Province. *Ostrich* **27** : 148.

Brooke, R. K. Food of the European Swallow. *Ostrich* **27** : 88.

Brooke, R. K. First annual report on the Rhodesian Ornithological Society's nest record scheme for the year ended 30 June, 1956. Speed of S.A. Grey Hornbill. *Ostrich* **27** : 183-184.

Brookfield, C. M. and Griswald, O. An exotic new Oriole settles in Florida. *Nat. geogr. Mag.* **109** : 261-264 figs.

Brooks, M. Winter foods of Evening and Pine Grosbeaks in West Virginia. *Wilson Bull.* **68** : 249-250.

Brosset, A. Les oiseaux du Maroc oriental de la Méditerranée à Berguent. *Alauda* **24** : 161-205.

Brosset, A. (1). Excursions ornithologiques dans les Hautes-Pyrénées en novembre 1955. *Alauda* **24** : 228-230.

Brosset, A. (2). Le forêt de Betoum de Berguent. *Alauda* **24** : 266-274.

Brosset, A. (3). La régime alimentaire de l'Effraye *Tyto alba* au Maroc oriental. *Alauda* **24** : 303-305.

Brotzler, A. see Kahmann.

Brown, P. E. Secretary. *Ann. Rept. Roy. Soc. Prot. Birds* 1955 : 1-44.

Brown, R. E. B. Breeding of the Regent Bower Bird. *Avicult. Mag.* **62** : 211-213.

Brown, W. L. and Wilson, E. O. Character displacement. Syst. Zool. **5** : 49-64 figs. 1-6.

Browne, K. and E. An analysis of the weights of birds trapped on Skokholm. Brit. Birds **49** : 241-257.

Browne, P. W. P. Movements of Manx Shearwater in St. George's Channel. Brit. Birds **49** : 278.

Browne, P. W. P. (1). Autumn Starling movements in the coast of S.E. Ireland. Brit. Birds **49** : 314-316 fig.

Bruijns, M. F. M. Het zilvermeeuwenoraggstuk in 1956. Levende Nat. **59** : 128-131 2 figs.

Brunfeldt, K., Telling, K. and Hemmingsen, A. M. Multiple nest-building by Blackbird (*Turdus merula* L.) and other birds. [English summary]. Dansk orn. Foren. Tidsskr. **50** : 177-190 figs.

Bruns, H. Ornithologische Literatur aus nichtornithologischen Zeitschriften. Orn. Mitt. **8** : 18-19, 39-40, 56-57, 79-80, 119, 138-140.

Bruns, H. (1). Die Erstankunft von Zilpzalp (*Phylloscopus collybita*) und Hausrotschwanz (*Phoenicurus ochruros gibraltariensis*) in Deutschland 1955. Orn. Mitt. **8** : 46-48.

Bruns, H. (2). Weitere Ergebnisse über Vogelansiedlungsversuche in Buchenwäldern. Orn. Mitt. **8** : 201-206 figs.

Bruns, H. (3). Vorläufige Ergebnisse von Vogelansiedlungsversuchen in Buchenwirtschaftswäldern. Allgemeine Forstzeitschrift No. 25/26 : 324-328.

Bruns, H. (4). Vögel und Waldameisen als Vertilger von Fichtenblattwespenlarven. Allgemeine Forstzeitschrift Nr. 10 1956.

Bruns, H. (5). Abwehr von Vogelschäden in der Land- und Forstwirtschaft. Pflanzenschutz No. 5.

Brygoo, E. Observations sur les Oiseaux de Tromelin. Nat. malgache **7** 2 1955 : 209-214 2 pls.

Bub, H. Ungewöhnliches Vogel-leben im Okergebiet nördlich Braunschweigs. Beitr. Naturk. niedersachs. **9** : 10-11.

Bub, H. (1). Eine Seevogel-Bestandsaufnahme an der ostfriesisch-oldenburgischen Küste. Orn. Mitt. **8** : 49-50.

Bub, H. (2). Sommer-Beobachtungen in der nordöstlichen Ukraine. Vogelwelt **77** : 37-43.

[**Bubnov, M. A.** *Loxia curvirostris*]. Zool. Zh. **35** : 316-317. [In Russian].

Buckley Press Ltd., The Butts, Halfacre, Brentford, Middx. Birds Illustrated **2** (monthly).

Buddenbrock, W. v. Vergleichende Physiologie **3** Basel and Stuttgart (Birkhäuser Verlag) pp. 677 205 figs.

Bull, P. C. Summary of ringing operations to 31 March 1956. Notornis **7** : 9-13.

Bullock, D. S. Vultures as disseminators of anthrax. Auk **73** : 283.

Bunce, H. O. and Fenton, K. The status of the Shag (*Phalacrocorax aristotelis*) on the chalk cliffs of the East Riding. Naturalist No. 858 : 109-112 map.

Burton, J. F. Report on the national census of heronries 1954. Bird Study **3** : 42-73.

Burton, P. J. K. and Nisbet, I. C. T. A Siberian Stonechat (*Saxicola torquata maura* (Pallas)) at Blåvandshuk. [English summary]. Dansk orn. Foren. Tidsskr. **50** : 231-233 fig.

Busnel, R. G. and Gramet, P. Recherches préliminaires sur la comportement acoustique de *Quelea quelea* Latham en captivité. Bull. Inst. franç. Afr. noire **18A** : 280-326 figs.

Busst, J. Nesting of Grey Swiftlet on Bedarra Island. N. Qd. Nat. **25** 116 : 1-3 2 figs.

Buss, I. O. An unusual record of the Lesser Yellow-legs in the Pacific Ocean. Condor **58** : 238.

Buss, I. O. and Mattison, H. M. A half century of change in bird populations of the lower Chippewa River, Wisconsin. Milwaukee pub. Mus. Ornithology no. 1 1955 : 1-319 figs.

Butcher, D. Seeing America's Wildlife In Our National Refuges (The Devin-Adair Company) (New York) 1955 : 1-338 illustr.

Büttiker, W. Erster Nachtrag über Ansiedelungsversuche von Höhlenbrütern in Afrika. *Orn. Mitt.* **8** : 101-104.

Button, E. The Nyasa Rosy-checked Love Bird. *North. Rhod. J.* **2** 1 1953 : 37-42 1 fig.

Cade, T. J. *see* Bartholomew.

Cade, T. J. *see* Howell.

Cain, A. J. and **Galbraith, I. C. J.** Field notes on birds of the eastern Solomon Islands. *Ibis* **98** : 100-134, 262-295.

Cairns, J. The Malayan Great Tit. *J. Bombay nat. Hist. Soc.* **53** : 367-373 1 pl.

Cairns, J. (1). The Night Heron. *Malay. Nat. J.* **10** : 145-148 2 pls.

Caldwell, D. K. American Egret feeding with cattle. *Wilson Bull.* **68** : 74.

Callegari, E. Osservazioni su di un Picchio nero (*Dryocopus martius* L.) in cattività: la percezione del cibo attraverso lo strato legnoso. *Riv. ital. Orn.* **26** : 22-27.

Callegari, E. (1). Un'altra Tortora dal collare orientale. Insolito Caso di nidificazione di una Tortora. Atteggiamenti caratteristici di una Berta minore (*Puffinus puffinus yelkouan*). *Riv. ital. Orn.* **26** : 89-91.

Callegari, E. (2). Osservazioni su di una Merope africana, il *Melittophagus bullockoides*, ed alcune considerazioni sul mimetismo aggressivo degli Insetta. *Riv. ital. Orn.* **26** : 139-141.

Callegari, E. (3). Nuove esperienze sul Picchio nero (*Dayocopus martius* L.) in cattività: la natura del senso che lo guida nella ricerca del cibo. *Riv. ital. Orn.* **26** : 170-173.

Campbell, B. A population of Pied Flycatchers (*Muscicapa hypoleuca*). *Int. orn. Congr.* **11** 1954 [1955] : 428-434.

Campbell, J. W. Status of Great Black-backed Gull in Scotland. *Brit. Birds* **49** : 152.

Campbell, J. W. (1). Crane in Outer Hebrides. *Brit. Birds* **49** : 281.

Campbell, J. W. (2). White's Thrush in North Perth. Hawfinches in North Perth. *Scot. Nat.* **68** : 120-124.

Campbell, N. A. and **Miles, H. M.** Bird counts on a highveld dam in Southern Rhodesia. *Ostrich* **27** : 56-66.

Campbell, T. Nest record scheme. *Ostrich* **27** : 76-84.

Cardiff, E. A. Additional records for the Imperial Valley and Salton Sea area of California. *Condor* **58** : 447-448.

Carter, F. E. Greater Yellowlegs in Cornwall. *Brit. Birds* **49** : 230.

Carter, J. S. Report on birds observed in Hertfordshire in 1954. *Trans. Herts. nat. Hist. Soc.* **24** : 163-178.

Carter, Q. E. Dikkop's nest. *Afr. Wild Life* **10** : 67-68 figs.

Carter, T. D. Stalking Central Africa's wildlife. *Nat. geogr. Mag.* **110** : 264-286 col. pls.

Carthy, J. D. Animal navigation. How animals find their way about. London (Allen & Unwin) pp. 152 frontis. 18 pls.

Castan, R. Liste des oiseaux capturés ou observés au cours de l'année 1954 dans le caïdat de l'Aradh et plus particulièrement dans l'oasis de Gabès : 157-178 1 fig. Bagueage d'oiseaux migrants à Gabès au cours de printemps de 1955 : 309-311. *Bull. Soc. Sci. nat. Tunis* **8** 1955.

Castan, R. (1). Piège utilisé dans l'oasis de Gabès pour la capture des oiseaux migrants. *Bull. Soc. Hist. nat. Tunis* **8** 1955 : 313-314 1 fig.

Caterini, F. Cattura di una Dami-gella di Numidia (*Anthropoides virgo* (L.)) nel Pisano. *Riv. ital. Orn.* **26** : 17-21 fig.

Caterini, F. (1). Notizie di catture non comuni. *Riv. ital. Orn.* **26** : 30.

Caterini, F. (2). Elenco degli uccelli osservati nella città di Pisa. *Riv. ital. Orn.* **26** : 93-104.

Caterini, F. (3). Notizie varie. *Riv. ital. Orn.* **26** : 195-198.

Catuneanu, I. I. Contributiiuni la cunoasterea faunei ornitologice a Deltei Dunarii (regiunea Iolganii). *Bul. Soc. Nat. Român.* No. 14 1939 : 93-103.

Cave, F. O. Type-locality of *Francolinus schlegelii* Heuglin. Bull. Brit. orn. Cl. **76** : 108.

Chadwick, P. J. and others. Bristol bird report. Proc. Bristol Nats.' Soc. **29** : 109-128.

Chaffer, N. The development and progress of bird photography in Australia. Emu **56** : 62-68 2 pls.

Champy, C. Reproduction de l'action de la folliculine sur le plumage par action locale de l'acétylcholine et de l'adrénaline. Bull. biol. **89** 1955 : 211-217 6 figs.

Chapelle, F. O. The voice and habitat of the Rufous Nightjar in the Panamá Canal Zone. Condor **58** : 71-72.

Chapin, J. P. [Congo bird notes.] Rapp. Inst. Rech. sci. Afr. cent. **1954** : 109-117.

Chapman, E. A. and **McGeoch, J. A.** Recent field observations in Iraq. Ibis **98** : 577-594 fig.

C[harteris], G. Obituary : Edgar P. Chance (1881-1955). Brit. Birds **49** : 215.

Charvoz, P. Les Protocalliphora, parasites des jeunes passereaux. Nos Oiseaux **23** : 280-281 fig.

Chatwin, S. L. The Western Grebe taken on hook and line. Condor **58** : 73.

[Chentzova, N. Y.] Scattering of poisonous baits in the forest cultures and its influence on useful birds. Trud. Problem. Temat. Soresh. **5** 1955 : 74-75. [In Russian].

Chettleburg, M. R. and **Larner, R. M.** The arrival and dispersal of Redwings and Fieldfares in Essex in October 1955. Brit. Birds **49** : 350-353 fig.

Chisholm, A. H. Is the Lyrebird polygamous ? Emu **56** : 227.

Chisholm, A. H. and **Chaffer, N.** Observations on the Golden Bowerbird. Emu **56** : 1-39 5 pls.

[Chislett, R.] Yorkshire Naturalists' Union—Ornithological Division. Report for 1955. Naturalist no. 857 : 49-78.

Chitty, D. Tuberculosis among wild voles : with a discussion of other

pathological conditions among certain mammals and birds. Ecology **35** 2 1954 : 227-237 1 fig.

Christensen, N. H. The occurrence in Denmark of the Red-necked Phalarope (*Phalaropus lobatus* (L.)) and the Grey Phalarope (*Phalaropus fulicarius* (L.)). [English summary]. Dansk. orn. Foren. Tidsskr. **50** : 191-206.

Chubb, J. C. The Fulmar Petrel in Cheshire, 1854-1954. Proc. L'pool Nats.' Fld. Cl. No. 95 : 10-11.

Church, H. F. The Mute Swan population of the eastern borders. The roosting times of the Swift. Bird Study **3** : 211-220 figs.

Clancey, P. A. A new race of *Phylloscopus umbrovirens* (Rüppell) from the juniper forests of northern British Somaliland. Bull. Brit. orn. Cl. **76** : 10-11.

Clancey, P. A. (1). Geographical variation in the Southern African populations of *Dicrurus adsemilis* (Bechstein). Bull. Brit. orn. Cl. **76** : 79-85 figs.

Clancey, P. A. (2). Two new races of Weavers (Ploceidae) from Mozambique. Bull. Brit. orn. Cl. **76** : 89-92 fig.

Clancey, P. A. (3). The South African races of *Cossypha natalensis* Smith, with the description of a new race from southern Mozambique. Bull. Brit. orn. Cl. **76** : 115-119 fig.

Clancey, P. A. (4). Miscellaneous Taxonomic notes on African birds. VI. Durban Mus. Novit. **4** 15 : 245-256 2 maps.

Clancey, P. A. (5). Miscellaneous taxonomic notes on African birds. VII. Durban Mus. Novit. **4** : 273-291 map.

Clancey, P. A. (6). First report of the S.A.O.S. List Committee. Ostrich **27** : 173-183.

Claudon, A. see Olivier.

Claudon, A. C.-J. Le Coucou gris, *Cuculus canorus canorus* Linné, en Alsace. Bull. Soc. Hist. nat. Colmar **46** 1955 : 41-62.

Clavert, J. and **Vintemberger, P.** Sur le comportement du jaune, mis en évidence par marquage radiographique dans une expérience de retournement

de l'oeuf dans l'utérus d'un oiseau. C.R. Acad. Sci. Paris **242** : 1653-1654 1 pl.

Cleland, J. B. Birds as they affect the health and well-being of man in Australia. *Emu* **56** : 183-193.

Clemens, J. H. Blackbird feeding brood of tits. *Brit. Birds* **49** : 503.

Cobb, F. K. Notes on the behaviour of Great Black-backed Gulls. *Trans. Suffolk Nats.' Soc.* **9** 1955 : 263-266.

Cobb, F. K. and others. Suffolk bird report for 1955. *Trans. Suffolk Nat. Soc.* **9** : 331-367.

Coffey, B., Jr. Harris's Sparrow in the Mid-South. *Migrant, Tennessee* **27** : 37-39.

Coiffait, H. Les oiseaux du Lac Manyas (Turquie). *Bull. Soc. Hist. nat. Toulouse* **90** 1-2 1955 : 7-9.

Collias, N. E. and **E. C.** Some mechanisms of family integration in ducks. *Auk* **73** : 378-400.

Coltart, N. B. Editor. *Bull. Jourdain Soc.* **4** : 1-49.

Comble, J. de la. Capture d'un Aigle criard, *Aquila clanga* Pallas, en Saône-et-Loire : 70. Cygnes, Pygargue et Macreuse brune en Saône-et-Loire : 145. Le Pic noir en Saône-et-Loire : 147. *Alauda* **24**.

Communes, R. de. Pluviers dorés à Versailles. *Oiseaux* **26** : 154.

Common, A. M. "Anting" by House Sparrow. *Brit. Birds* **49** : 155.

Condal, L. F. Notice préliminaire concernant la présence d'une plume d'oiseau dans le Jurassique supérieur du Montsech (Province de Lérida, Espagne). *Int. orn. Congr.* **11** 1954 [1955] : 268-269 fig.

Conder, P. J. The territory of the Wheatear *Oenanthe oenanthe*. *Ibis* **98** : 453-459.

Cooch, G. Ring-necked Duck (*Aythya collaris*) breeding in Saguenay County, Quebec. *Canad. Fld. Nat.* **69** 1955 : 130.

[**Cook, F. C.**] Observations—Birds. *Rep. Lowestoft Fld. Cl. No. 10* : 286-310.

Cooper, J. and **Lysaght, A.** Migrating Pintails in the Central Pacific. *Ibis* **98** : 316-319.

Corbet, G. B. The phoresy of Mallophaga on a population of *Ornithomya fringillina* Curtis (Dipt. Hippoboscidae). *Entomologists' Monthly Mag.* **92** : 203-211.

Cormack, D. M., R. S. and **Poulding, R. H.** Breeding of Great Black-backed Gull in Gloucestershire. *Brit. Birds* **49** : 153.

Cornwallis, R. K. Autumn migration on the east coast of Britain in relation to weather. *Ardea* **44** : 224-231 figs.

Corti, U. A. Ornithologische Notizen aus dem Tessin. *V.* **38** 1943 : 97-111. Die Vögel des Kantons Tessin. **39-40** 1945 : 1-366 12 pls. Die Vögel des Kantons Tessin. 1. Nachtrag. Periode 1945-1947. 2. Nachtrag : Periode 1948-1951. **42** 1947 : 95-110, **47-48** 1953 : 15-40. Grundzüge der insubrischen Vogelwelt. *Boll. Soc. ticin. Sci. nat.* **49** 1954 : 77-81.

Corti, U. A. (1). Notizen zur Biologie und Systematik der Vögel. *Anz. Orn. Ges. Bayern* **43** 1954 : 183-188.

Corti, U. A. (2). Die Vogelwelt der Alpen. *Int. orn. Congr.* **11** 1954 [1955] : 59-71.

Corti, U. A. (3). Il modo di dormire dei Rampichini (*Certhia* [spp.]) e di altri passeracei durante le fredde notti d'inverno. *Riv. ital. Orn.* **26** : 193.

Corti, U. A. and **Melcher, R.** Beiträge zur Kenntnis der Vogelwelt Graubündens. *Perioda* 1947-1951. *Jber. naturf. Ges. Graubünden N.F.* **84** 1953 : 43-83.

Cott, H. B. Zoological photography in practice. (Fountain Press) London : 1-370 68 pls.

Cottrille, B. D. Chimney Swifts apparently nesting in Pileated Woodpecker hole in live tree. *Jack-Pine Warbler* **34** : 30.

Couffer, J. C. Chase the wild goose. *Nat. Hist., N.Y.* **65** : 470-475 figs.

Cougoureux, A. Quelques observations intéressantes en Tarn-et-Garonne. *Oiseau* **26** : 153.

Coulson, J. C. The starlings of Great Britain. *Durham Coll. nat. Hist. J.* **1** [1955] : 8-10.

Coulson, J. C. (1). Meadow Pipit nesting in building. *Brit. Birds* **49**: 328.

Coulson, J. C. (2). Mortality and egg production of the Meadow Pipit with special reference to altitude. *Bird Study* **3**: 119-132.

Coulson, J. C. and White, E. A study of colonies of the Kittiwake *Rissa tridactyla* (L.). *Ibis* **98**: 63-79 figs.

Craggs, J. D. *see* Ellison.

Crandall, L. S. There was a story behind our first Inca Tern. *Anim. Kingd.* **59**: 20-21 1 fig.

Creutz, G. Geheimnisse des Vogelzuges. Leipzig (Geest & Portig) 1952 111 pp. 55 illustr. table (Neue Brehm-Bücherei Heft 75).

Creutz, G. (1). Vogelbeobachtungen im Ortlergebiet (Südtirol). *Orn. Mitt.* **8**: 166-167.

Crook, J. H. Nest construction in the weaver birds with special reference to the genus *Quelea*. *Brit. J. Anim. Behav.* **4**: 76-77.

Crosby, M. D. Aggressive display of young Curlew. *Brit. Birds* **49**: 39.

Crosby, M. D. Buff-breasted Sandpiper in Dorset. *Brit. Birds* **49**: 151.

Crossley, R. Rare Bunting ringed at Spurn. *Naturalist* No. 856: 8.

Cruikshank, A. D. Nesting heights of some woodland warblers in Maine. *Wilson Bull.* **68**: 157.

Csaba, J. Abnormally coloured Crested-lark. *Aquila* **55-58** 1948-51: 292.

Csaba, J. (1). Notes on the birds of Csákánydoroszló (Western Hungary): 201. The Syrian Woodpecker's spreading in Western Hungary: 443. Ortolan Bunting's recent occurrence in Western Hungary: 449. Siskins destroying plant-lice: 450. Crossbills feeding on sunflower's seeds: 450. Great Tit breeding in an underground hollow: 454. Irregular nesting-sites of birds: 454. Moorhen hiding in the water: 458. Bird-albinos: 458. Ornithological data from Western Hungary from the beginning of the nineteenth century: 470. *Aquila* **59-62** 1955.

Csaky, S. Eagle-owl breeding in Füzér. *Aquila* **55-58** 1948-51: 284.

Csörgey, T. Randbemerkungen zu den "Beiträge zur Kenntnis der Vogelwelt des Neusiedler Seegebietes" von R. Zimmermann: 162-167. Grey-headed woodpecker nesting near Lake Balaton: 289. *Aquila* **55-58** 1948-51.

Csornai, R. Particulars on migration of Olivaceous Warbler. *Aquila* **55-58** 1948-51: 303.

Csornai, R. (1). Ornithological news from Yugoslavia. *Aquila* **59-62** 1955: 466.

Cunningham, J. M. Diagrammatic expression of the seasonal intensity of bird song. *Int. orn. Congr.* **11** 1954 [1955]: 555-560 figs.

Curry-Lindahl, K. Ecological studies on mammals, birds, reptiles and amphibians in the Eastern Belgian Congo. *Ann. Mus. Congo belge Zool. Ser. 8vo* **42**: 1-78 23 pls.

Curry-Lindahl, K. (1). Symbiotic feeding of Common Heron (*Ardea cinerea*) with fallow deer (*Dama dama*). *Vår Fågelv.* **15**: 123-126.

Curth, P. Der Mittelsäger. Zoologie und Brutbiologie. Wittenberg Lutherstadt (A. Ziemsen Verlag) 1954 102 pp. 57 illustr. (Neue Brehm-Bücherei Heft 126).

Cuypers, J. De Broedvogels van Herentals en omgeving. Gerfaut **46**: 253-296 pl.

Czarnecki, Z. Observations on the biology of the Long-eared Owl (*Asio otus otus* (L.)) [in Polish]. *Prace Kom. biol. Pozuán* **18** 4: 1-42 5 figs.

Czigány, E. Bird-life in 1954 in the island Sasér in the Lower Tisza. *Aquila* **59-62** 1955: 461.

Dales, L. Mobbing of an attacking Scrub Jay by a Mocking bird and a Red-shafted Flicker. *Condor* **58**: 446.

D'Almeida, F. P. Sobre aves que andan en el norte de Portugal. Medidas de huevos. *Ardeola* **3**: 51-52.

Dalquest, W. W. White-winged Scoter in Texas. *Condor* **58**: 165.

Damm, P. W. Zur Verstädterung des Eichelhähers: 35. Haussperlinge töten Trauerschnäpper: 50. *Orn. Mitt.* **8**.

Dancker, P. Über das Verhalten eines Goldammerpaares (*Emberiza citrinella*) gegenüber Rotrückenvögeln (*Lanius collurio*). J. Orn. **97** : 430-437.

Dancker, P. see Berndt.

Dandl, J. Imperial Eagle at Dunabogdány : 437. Ortolan Bunting's nesting at Pilisvörösvár, north of Budapest : 449. The Rock-Bunting's recent occurrence at Budaörs, west of Budapest : 449. *Aquila* **59-62** 1955.

Danielsson, B. A case of reversed migration in April 1955. [English summary]. Vår Fågelv. **15** : 54-56 fig.

Darnell, M. [and others]. The Round Table. Kirtland's Warbler. Migrant Tennessee **27** : 53-60.

Dathe, H. Der Flussregenpfeifer. Leipzig (Geest & Portig) 1953 38 pp. 30 illustr. table. (Neue Brehm-Bücherei Heft 93).

Dathe, H. (1). Über Herbst- und Wintergesang italienischer Vögel. Int. orn. Congr. **11** 1954 [1955] : 561-563.

Daudl, J. Night passage of Skylark over the city of Budapest : 294. Ortolan Bunting breeding near Budaörs : 296. Rock-bunting observed in Budaörs : 296-297. Brambling, in the outskirts of Budapest : 297. Occurrence of Lesser Redpoll : 297. Rufous Warbler in the district of Budapest : 299. Alpine Accentor on Farkashegy, near Budaörs : 305. *Aquila* **55-58** 1948-51.

Davidson, A. R. Editor Victoria Nat. **1-4** 1944-1956.

Davidson, R. C. Notes on the Fulmar Petrel colony at Benderg Bay, Co. Down. Irish Nats.' J. **11** 12 1955 : 329-330 1 pl.

Davidson, R. R. A simple method of refurbishing faded mammal and bird mounts. Bull. S. Afr. Mus. Ass. **6** : 122-123.

Davies, M. G. Editor. Royal Society for the Protection of Birds. Bird Notes **27**.

Davies, S. J. J. F. and Rowell, C. H. F. Observations of the Redwing in Swedish Lapland. Bird Study **3** : 242-248.

Davies, T. Welsh bird names. Nature in Wales **2** : 227-229, 273-275.

Davis, C. V. 1955 Checklist of the birds of Montana. Proc. Montana Acad. Sci. **16** : 5-13.

Davis, D. E. Population changes and roosting-time of starlings. Ecology **36** 1955 : 423-430 3 figs.

D[avis], H. H. Personalities 23—Peter Scott. Bird Notes **27** : 80 pl.

Davis, P. Red-spotted Bluethroat on Skokholm. Brit. Birds **49** : 325.

Davis, T. A. W. Gulls feeding on grain. Brit. Birds **49** : 400-404.

Dawson, W. R. see Bartholomew.

Dearolf, K. Survey of North American cave vertebrates. Proc. Pa. Acad. Sci. **30** : 201-210.

De Beer, G. The evolution of Ratites. Bull. Brit. Mus. (nat. Hist.) Zool. **4** : 57-76 5 pls.

Debru, H. *Motacilla alba* Yarrelli dans le département de l'Aude. Oiseau **26** : 157.

Deetjen, H. see Ponce de León.

Deignan, H. G. Eastern races of the White-rumped Swift. *Apus pacificus* (Latham). Bull. Raffles Mus. No. 27 : 147-149.

Deignan, H. G. (1). A final word on the nomenclature of the Himalayan Goldcrests. Bull. Brit. orn. Cl. **76** : 106.

Deignan, H. G. (2). New races of birds from Laem Thong, the Golden Chersonese. Proc. biol. Soc. Wash. **69** : 207-211.

Deignan, H. G. see Hall.

Deignan, H. G. see Harrison, J. M.

Dekeyser, P. L. Les principaux oiseaux de l'ouest Africain. IX.—Les Pelecaniformes. Notes afr. No. 70 : 55-63 10 figs.

De Kock, J. M. The cranial morphology of *Sturnus vulgaris vulgaris* Linnaeus. Ann. Univ. Stellenbosch **31A** : 153-177 16 figs.

Delacour, J. Les Oiseaux Africains from : Le Grand Livre de la Faune Africaine et de sa Chasse, Vol. I, edited by François Edmond-Blanc, Monaco (Union Européenne d'Éditions) 1954 : 162-172.

Delacour, J. (1). The Elephant Bird. Quart. Los Angeles Co. Mus. **11** 1954 : 12-13 figs.

Delacour, J. (2). Vieillot's Crested Fireback. *Avicult. Mag.* **62** : 199 col. pl.

Delacour, J. (3). Obituaries—Alfred Ezra. *Ibis* **98** : 135.

Demandt, C. Welche Bäume bevorzugt der Habicht für die Anlage seines Horstes ? *Orn. Mitt.* **8** : 31.

Dementiev, G. P. Nouvelles données de Paléornithologie de l'U.R.S.S. *Int. orn. Congr.* **11** 1954 [1955] : 264–267.

Dementiev, G. P. (1). Quelques considérations sur la variabilité géographique. *Int. orn. Congr.* **11** 1954 [1955] : 296–300.

[Dementiev, G. P. (2). On the seasonal distribution and migrations of wading birds based on ringing data]. *Ornith. Conf. Riga* 1951 1953 : 103–108. [In Russian.]

Dementiev, G. P. and Gladkov, N. A. Notes on the avifauna of the Soviet Union with special reference to the new Russian Handbook. *Brit. Birds* **49** : 272–278.

[Dementiev, V. F. Migrations of *Rissa tridactyla*]. *Trud. Bird ring. Bur.* **8** 1955 : 22–32. [In Russian.]

[Denisievski, A. V. The growth and development of turkey.]. *Trud. Inst. zool. Kiev* **12** 1955 : 83–118 6 graphs. [In Russian.]

De Puy, P. L. Pelican portraits. *Audubon Mag.* **58** : 259–260 figs.

Deramond, M. Dans l'Oise. *Alauda* **24** : 231.

Deraniyagala, P. E. P. A new race of Trogon from Ceylon. *Spolia zeylan.* **27** 1955 : 281–283.

de Saussure, R. Remains of the California Condor in Arizona caves. *Plateau* **29** : 44–45.

Dexter, R. W. Ten-year life history of a banded Chimney Swift. *Auk* **73** : 276–280.

Dexter, R. W. (1). Further banding and nesting studies of the Eastern Nighthawk. *Bird-Banding* **27** : 9–16 figs.

Dexter, R. W. (2). Behavior of Purple Martins with displaced nests. *Wilson Bull.* **68** : 74.

Di Carlo, E. A. Il fringuello alpino (*Montifringilla n. nivalis* (L.)) forma propria anche degli Appennini. *Riv. ital. Orn.* **26** : 55–61.

Di Carlo, E. A. (1). Ulteriori osservazioni sulla nidificazione del Frosone (*Coccothraustes c. coccothraustes*) nell'Altipiano di Amatrice (Rieti) e nelle zone premontane dell'Appennino laziale-abruzzese. *Riv. ital. Orn.* **26** : 62–66.

Di Carlo, E. A. (2). Sulla nidificazione di alcuni uccelli non comuni nell'Appennino centrale Umbro-Laziale-Abruzzese. *Riv. ital. Orn.* **26** : 178–188.

Dickermen, R. W. and Jarosz, J. A. Snowy Owls, measurements and food. *Flicker Minnesota* **28** : 82.

Diesselhorst, G. Titmice killing other birds. *Auk* **73** : 558.

Diesselhorst, G. (1). Song-flight of Wood Sandpiper on passage. *Brit. Birds* **49** : 323.

Diesselhorst, G. (2). Ornithologischen Notizen aus Zentral-Polen und Westrussland. *Vogelwelt* **77** : 33–37.

Diesselhorst, G. (3). Gemeinschaftliches Brüten von Wacholderdrossel und Raubwürger. *Vogelwelt* **77** : 80–84.

Dieterich, H. Albinismus bei Wacholderdrossel (*Turdus pilaris*). *Orn. Mitt.* **8** : 31.

Dietz, J. Ruderente (*Oxyura leucocephala* (Scop.)) überwintert auf dem Main bei Bamberg. *Anz. Orn. Ges. Bayern* **45** 1955 : 368–371 fig.

Diez, M. P. Técnica para embalsanar pequenas aves para coleção. *Naturalia* **6** : 78–79 1 fig.

Dilger, W. C. Hostile behaviour and reproduction isolating mechanisms in the avian genera *Catharus* and *Hylocichla*. *Auk* **73** : 313–353 pl. figs.

Dilger, W. C. (1). *Hylocichlid* Thrushes in captivity, with notes on their behaviour. *Avicult. Mag.* **62** : 183–189 figs.

Dilger, W. C. (2). Nest-building movements performed by a juvenile Olive-backed Thrush. *Wilson Bull.* **68** : 157.

Dilger, W. C. (3). Adaptive modifications and ecological isolating mechanisms in the Thrush genera *Catharus* and *Hylocichla*. Wilson Bull. **68** : 171-179 pl. figs.

Dimitrie, R. *Streptopelia decaocto decaocto* (Friv.), espèce différenciant de *Streptopelia (Turtur) risorius* (L.) [French résumé.] Bul. sti. Acad. Repub. rom. Sect. Biol., **6** 1954 : 1143-1155 4 figs.

Dimovski, A. S. Ornithogeographischer Vergleich zwischen nord- und Süd-mazedonien. Acta Mus. maced. Sci. nat. **3** 6 1955 : 159-179.

Dinnendahl, L. Nächtlicher Zug und Windrichtung auf Helgoland. Int. orn. Congr. **11** 1954 [1955] : 665.

Disney, H. J. de S. and Marshall, A. J. A contribution to the breeding biology of the weaver-finch *Quelea quelea* (Linnaeus) in East Africa. Proc. zool. Soc. Lond. **127** : 379-387.

Disney, H. J. de S. see Marshall, A. J.

Dixelius, O. Till den svenska ornitologiens historia II : 1600-talet. Vår Fågelv. **15** : 176-182 fig.

Dixon, J. B. Clark Nutcrackers preying on Ground Squirrels and Chipmunks. Condor **58** : 386.

Dixon, K. L. An ecological analysis of the inter-breeding of Crested Titmice in Texas. Univ. Calif. Pub. Zool. **54** 1955 : 125-206 3 pls. 15 figs.

Dixon, K. L. (1). Territoriality and survival in the Plain Titmouse. Condor **58** : 169-182 4 figs.

Dixon, K. L. and Wallmo, O. C. Some new bird records from Brewster County, Texas. Condor **58** : 166.

Dobben, W. H. v. Nature and strength of the attraction exerted by leading lines. Int. orn. Congr. **11** 1954 [1955] : 165-166.

Dobbs, A. Little Ringed Plovers breeding in Nottinghamshire. Brit. Birds **49** : 453.

[**Dobrinina, A. Y.** Some peculiarities in constitution of hen hybrids.] Trud. Inst. genet. Leningrad **22** 1955 : 244-259 figs. [In Russian].

Döderlein, L. Bestimmungsbuch für deutsche Land- und Süßwassertiere. Wirbeltiere... 2, erweiterte Auflage. München (R. Oldenbourg) 1955, pp. 304, 266 figs.

Dorn, L. Eine interessante ornithologische Beobachtung. Mitt. naturw. Arbeitsgem. **5-6** : Zool. 50-51.

Dorning, H. Der Tannenhäher in Ungarn in den Jahren 1947-1951. Aquila **55-58** 1948-51 : 123-125.

Dorning, H. (1). The Bee-eater's nesting at Csömör and quite near Budapest : 443. Black-headed Wagtail at Csömör : 448. Partridge's nest on a stack of Barley straw : 455. Aquila **59-62** 1955.

Dorst, J. Quelques aspects biogéographiques du Péron. C.R. Soc. Biogéogr. **32** 1955 : 122-128.

Dorst, J. (1). Étude d'une collection d'oiseaux rapportée du Péron central. Bull. Mus. Hist. nat. Paris (2) **28** : 265-272.

Dorst, J. (2). Notes sur la biologie des Colaptes, *Colaptes rupicola*, des hauts-plateaux péruviens. Oiseau **26** : 118-125 pl. 4 figs.

Dorst, J. (3). Étude biologique des Trochilidés des hauts plateaux péruviens. Oiseau **26** : 165-193 figs.

Dorst, J. (4). L'exploitation du guano au Péron. La protection de la nature au service de l'économie humaine. Terre et la Vie **103** : 2 figs.

Dorst, J. and Jouanin, C. Découverte d'un Francolin particulier à la Somalie française. Int. orn. Congr. **11** 1954 [1955] : 301-302.

Dorst, J. see Berlioz.

Douaud, J. L'Hirondelle de fenêtre *Delichon urbica* au Togo. Alauda **24** : 146.

Douaud, J. Les oiseaux des Monts du Togo (Afrique occidentale). Alauda **24** : 219-227.

Dove, R. S. Birds in and about a Ballymena plantation : 2-10. Birds of Magilligan Strand : 52-55. Irish Nats'. J. **12**.

Dowling, P. B. High Tree Sparrow wintering site tenacity. Bird-Banding **27** : 32.

Dózsa, D. Snake (*Coluber longissimus*) destroying Great Titmouse. Aquila **55-58** 1948-51 : 310.

Drost, R. Vogelwanderungen, von Inseln aus beobachtet. Int. orn. Congr. **11** 1954 [1955] : 167-171.

Drost, R. (1). Neue Beiträge zur Soziologie der Silbermöwe, *Larus a. argentatus*. Int. orn. Congr. **11** 1954 [1955] : 564-569.

Drost, R. (2). Ansiedlung der Türkentaube an der ostfriesischen Küste. J. Orn. **97** : 93.

Drost, R. see Brickenstein-Stockhammer.

Drury, W. H., Jr., see Bergstrom.

Dubinina, M. N. Parazitologicheskoe Issledovanie Ptits. Moskva & Leningrad (Akademiya Nauk SSSR) 1955 134 pp. illustr.

Du Bois, A. D. A Cowbird incident. Auk **73** : 286.

Dudich, L. Whooper Swan in the county of Komárom. Aquila **55-58** 1948-51 : 275.

Duffey, E. Notes on the natural history of Eynhallow, Orkney. Scot. Nat. **67** 1955 : 40-52.

Dugand, A. *Bubulcus ibis* in the Cauca Valley, Colombia. Auk **73** : 559.

Dunnet, G. M. The autumn and winter mortality of Starlings *Sturnus vulgaris* in relation to their food supply. Ibis **98** : 220-230 figs.

Dunnet, G. M. Common Tern *Sterna hirundo hirundo* in Western Australia. W. Aust. Nat. **5** : 86-88 1 fig.

Durango, S. Territory in the Red-backed Shrike *Lanius collurio*. Ibis **98** : 476-484.

Dutton, P. C. Reports of Sections—Aves. Trans. N. Staffs. Fld. Cl. **89** : 44-49.

Duvall, A. J. see Aldrich.

Edberg, R. Fågelobservationer på Utsira 1917-1954. Fauna och Flora **51** : 49-64 2 figs.

Editorial. Scientific and English names. Brit. Birds **49** : 1-5.

Editors and others. [Scottish bird records.] Scot. Nat. **67** 1955 : 109-122.

Edmond-Blanc, F. Le Grand Livre de la Faune Africaine et de sa Chasse, Vol. 2. Monaco (Union Européenne d'Éditions) 1954.

Edmondson, T. Bird notes from south east Lancashire 1952-54. Northw. Nat. N.S. **3** : 338-352.

Edwards, E. P. The clock bird of Mayaland. Nat. Hist. N.Y. **65** : 372-373.

Edwards, E. P. and Hilton, F. K. *Streptoprocne semicollaris* in the lowlands of Sinaloa and Nyarit. Auk **73** : 138.

Edwards, E. P. and Tashian, R. E. The Prothonotary and Kentucky Warblers on Cozumel Island, Quintana Roo, Mexico. Wilson Bull. **68** : 73.

Eggeling, W. J. The breeding birds of the Isle of May. Scot. Nat. **67** 1955 : 72-89.

Eggeling, W. J. (1). Isle of May Bird Observatory and Field Station. Report for 1953-55 : 43-56. A list of the birds recorded from the Isle of May : 127-156. Scot. Nat. **68**.

Eggermont, D. Bijdrage tot de broedbiologie van de Botvink, *Fringilla coelebs* (L.). Gerfaut **46** : 17-21.

Ehrström, C. A study of the behaviour of birds during the total solar eclipse of 1954. [English summary]. Vår Fågelv. **15** : 1-28 figs.

Eichler, W. Wirtsspezifität der Parasiten und Evolution der Wirte. Int. orn. Congr. **11** 1954 [1955] : 303-308 figs.

Eipper, P. Winterbrut einer Amsel (*Turdus merula*). Orn. Mitt. **8** : 98.

Eisenmann, E. The species of Middle American Birds. A list of all species recorded from Mexico to Panama, with suggested English names, outlines of range, and a distributional bibliography. Trans. Linn. Soc. N.Y. **7** 1955 : 1-128.

Eisenmann, E. (1). Galapagos Penguin in Panamá. Condor **58** : 74.

Eisenmann, E. and Bull, J. L., Jr. Peculiar behaviour of Tree Swallows in relation to dead of their own species. Proc. linn. Soc. N.Y. Nos. 63-65 1954 : 73.

Eisentraut, M. Haben alle Warmblüter eine konstante Körpertemperatur ? Umschau **55** 23 1955 : 719-721 5 figs.

Eisentraut, M. (1). Notizen über einige Vögel des Kamerun-Gebirges. *J. Orn.* **97** : 291-300 2 pls.

Eisentraut, M. (2). Der Winterschlaf mit seinen ökologischen und physiologischen Begleiterscheinungen. Jena (Gustav Fischer) 1956 pp. viii + 160 26 figs.

Elder, W. H. Flourescopic measures of shooting pressure on Pink-footed and Grey Leg Geese. Wildfowl Trust Seventh Ann. Rep. 1955 : 123-126.

Elliott, H. F. I. Some field-notes on the Caspian Plover. *Brit. Birds* **49** : 282-283.

Ellison, N. F. and Craggs, J. D. The birds of the Hilbre Islands, Cheshire. *Northw. Nat. N.S.* **3** : 394-413 2 pls. map.

Emlen, J. T. Jr. A method for describing and comparing avian habitats. *Ibis* **98** : 565-576 pl.

Emlen, J. T., Jr. (1). Juvenile mortality in a Ring-billed Gull Colony. *Wilson Bull.* **68** : 232-238 fig.

Endrody, S. Syrian woodpecker in the county of Bihar. *Aquila* **55-58** 1948-51 : 290.

Engel, H. Tannenhäher besuchen Berghotels. *Vogelwelt* **77** : 28.

Engels, W. L. and Jenner, C. E. The effect of temperature on testicular recrudescence in Juncos at different photoperiods. *Biol. Bull. Woods Hole* **110** : 129-137.

England, M. D. Photographic studies of some less familiar birds. LXXVI. *Osprey. Brit. Birds* **49** : 489-492 8 pls.

England, M. D., Makatsch, I., Neufeldt, I. and Rose, I. C. Photographic studies of some less familiar birds. LXXV. *Crane. Brit. Birds* **49** : 435-437 8 pls.

[**Eregden-Dagva, D.** New species of birds for Mongolian fauna.] *Priroda* **12** 1955 : 113. [In Russian].

Erickson, R. Sentinel duties among Cockatoos. *W. Aust. Nat.* **5** : 80-81.

Erz, W. Der Vogelbestand eines Grosstadtparkes im Westfälischen Industriegebiet. *Orn. Mitt., Stuttgart* **8** : 221-225.

Estanove, J. Quelques observations dans le Toulousain. *Oiseau* **26** : 68.

Eygenraam, J. A. The origin of the "lead" in Dutch duck decoys. *Int. orn. Congr.* **11** 1954 [1955] : 435-436.

Falla, R. A. Notes on the scientific importance of birds and forests. *For. & Bird No.* 121 : 12-13.

Farkas, T. Bird-faunistical and coenological researches at the lake of Solymár : 148-158. *Dryocopus martius* Black Woodpecker in Buda-Hills : 288. *Luscinia luscinia* Thrush Nightingale in Budapest and environment : 303-304. *Muscicapa p. parva*—Red-breasted Fly-catcher—and *Turdus viscivorus viscivorus*—Mistle-thrush breeding in Pilis-mountains : 304-305. *Aquila* **55-58** 1948-51.

Farkas, T. (1). Ornithological observations in the northern Caucasus Mountains : 354. Eagle-Owl near Dunabogdány : 442. Recent occurrences of Mistle-Thrushes in breeding-season : 446. Thrush-Nightingale's nesting near the River Bodrag : 447. Ortolan Bunting's at Lake Balaton : 449. Addition to the list of birds on the Lake of Solymár : 465. *Aquila* **59-62** 1955.

Farley, J. L. Duck stamps and wildlife refuges. *Circ. U.S. Fish. Wildl. Serv. No.* 37 1955 : 1-22.

Farmer, D. S. The body temperatures of the North Island Kiwis. *Emu* **56** : 199-206.

Farmer, D. S. *see* McGreal.

Farmes, R. F. Potholes of Mah-nomen County. Flicker, Minnesota **28** : 24-30.

Favarger, J. Au Creux-du-Van. Quand la grêle s'abat sur l'île aux Sternes. Au Val-de-Travers en mai 1956. A propos d'une colonies de Grives litornes. *Nos Oiseau* **23** : 279-283.

Favero, L. Notizie ornitologiche anno 1955. *Riv. ital. Orn.* **26** : 189-191.

Fearnley, N. Bird notes from Sydney. *Emu* **56** : 194-196.

Feindt, P. Ein Beitrag zur Biologie des Raubwürgers (*Lanius e. excubitor* L.). *Beitr. Naturk. niedersachs.* **8** 4 1955 : 109-114.

Feindt, P. (1). Gemeinsamer, nicht artgemässer Lebens- und Brutraum von Wiesenpieper (*Anthus pratensis*) und Baumpieper (*Anthus trivialis*) bei Hildesheim. Beitr. Naturk. niedersachs. **9** : 59-61.

Feindt, P. and F. and Göttgens, H. Ein Ohrenkerchenpaar (*Eremophila alpestris flava*) verweilt bei Hildesheim. Beitr. Naturk. niedersachs. **9** : 83-89 2 figs.

Fekete, I. Raven *Corvus c. corax*, in western Mecsek-mountains : 306. Snowy Owl in the county of Baranya : 284. *Aquila* **55-58** : 1948-51.

Fekete, K. Pigmy Cormorant near Baja. *Aquila* **59-62** 1955 : 434.

Felten, H. and Steinbacher, J. Contribuciones al conocimiento de la avifauna de El Salvador. Comun. Inst. trop. Inv. Cient. **4** 1-2 1955 : 1-36 12 figs. map.

Felten, H. and Steinbacher, J. (1). Zur Vogelfauna von El Salvador. Senck. biol. **36** 1-2 1955 : 9-19.

Felton, R. Bird notes, 1955. J. Northants nat. Hist. Soc. **33** : 93-105.

Fenton, J. K. and Brownlow, H. G. Scarlet Grosbeak in Yorkshire. Brit. Birds **49** : 46.

Fenton, K. see Bunce.

Ferdinand, L., Jensen, B. and Larsen, A. Visible migration in the Blavandshuk Area, W. Jutland, observed in early August 1955. [Summary.] Dansk. Orn. Foren. Tidsskr. **50** : 299-323 figs.

Ferianc, O. Faune du district de Zvolen [in Slovak.] Biol. Sb. Slov. Akad. **4** 1949 : 37-76.

Ferianc, O. (1). Die Verbreitung von Walddhühnern in der Slowakei. [German summary]. Biológica, Bratislava **9** 2 1954 : 182-209 4 maps.

Ferianc, O. (2). Beitrag zu den Wirbeltieren der Schüttinsel I. [German summary]. Biológica, Bratislava **10** 3 1955 : 308-322.

Ferianc, O. (3). Das Inundationsgebiet bei der Ortschaft Senné (Bezirk Veľke-Kapušany) als wichtige Migrationslokalität der Wasservögel durch die Slowakei. Prace II Sekc. Slov. Akad. Vied. Sér. Biol. **1** 4 1955 : 1-31 9 figs.

Feriancova, Z. Die Nahrung der Türkentaube (*Streptopelia decaocta decaocto* Friv.) und der Turteltaube (*Streptopelia turtur turtur* Linn.). [German summary.] Biológica, Bratislava **10** 1955 : 436-449.

Ferry, C. Note sur le déterminisme du nombre des oeufs chez les Larolimicolae. *Alauda* **24** : 49-52.

Ferry, C. (1). Observations ornithologiques sur l'archipel de Molène, Finistère. *Alauda* **24** : 250-265.

Ferry, C. (2). Sur l'écologie de l'Oedicnème en Côte-d'Or. *Oiseau* **26** : 61-65.

Festetics, A. Observations on the Barn Owl's and Little Owl's life-habits: 452. Ornithological data from Csorvás, Eastern Hungary : 461. *Aquila* **59-62** 1955.

Festetics, J. Notes on the nesting of Corvidae in Hungary. *Aquila* **55-58** 1948-51 : 305.

Field, J. Bird report, 1954 and 1955. Mid. Thames Nat. No. 7 1954 : 19-25, No. 8 [1956] : 11-18.

Filloux, J. C. see Bouillault.

[**Finnis, G.**] Bird casualties on roads. Bull. Brit. orn. Cl. **76** : 150-152.

Finnis, R. G. Starlings attacking field mouse. Brit. Birds **49** : 86.

Finucane, T. W. 1955 Fall migration of hawks. Migrant, Tennessee **27** : 10-12.

Fisher, C. D. Palm Warbler at Point Reyes, California. *Condor* **58** : 166.

Fisher, H. I. The landing forces of domestic pigeons. *Auk* **73** : 85-105.

Fisher, H. I. (1). Apparatus to measure forces involved in the landing and taking off of birds. Amer. midl. Nat. **55** : 334-342 4 figs.

Fisher, H. I. and Goodman, D. C. The myology of the Whooping Crane, *Grus americana*. Illinois biol. Monogr. **24** 2 1955 : i-viii, 1-127 40 figs.

Fisher, J. The dispersal mechanisms of some birds. Int. orn. Congr. **11** 1954 [1955] : 437-442.

Fisher, J. (1). Rockall. London (Geoffrey Bles) 1956 pp. 180-191.

Fitter, R. S. R. The spread of the Black Redstart as a breeding species in England. *Int. orn. Congr.* **11** 1954 [1955] : 443-445.

Flach, B. Några fågelobservationer från Delfi och en exkursion på Parnassos. *Fauna och Flora* **50** 6 1955 : 234-252 8 figs.

Flach, B. (1). Från några fågellokaler i Grekland. *Fauna och Flora* **51** 3 : 122-139 7 figs.

Fleming, C. A. Proposed validation of the generic name *Heteralocha* Cabanis [1851], for the New Zealand Huia (Class Aves). *Bull. zool. Nom.* **12** : 139-140.

Fleming, R. C. Cooper's Hawk feeding on suet. *Jack-Pine Warbler* **34** : 120.

[Flint, V. E. and Shilova-Krasova, S. A.] The method of watching the tomtit flocks. *Zool. Zh.* **34** 6 1955 : 1386-1388 fig. [In Russian].

Flugum, C. The Upland Plover on our farm. *Flicker, Minnesota* **28** : 13-15.

Foenander, E. C. Bee-eaters diving into water for floating insects. *Malay. nat. J.* **10** : 126.

Folley, S. J. *see* Marshall, A. J.

Fontainé, V. Bastarder mellan björktrast (snökskata) och Koltract, *Turdus pilaris* L. ♂ × *Turdus merula* L. ♀ *Fauna och Flora* **50** 6 1955 : 225-233 5 figs. [English summary].

Fontaine, V. (1). Göteborgs Naturhistoriska Museums ringmärkningar av flyttfåglar under 1954. *Årstr. Göteborgs Mus.* **1955** [1956] : 8-29 map.

Ford, E. R. Birds of the Chicago region. *Spec. Publ. Chicago Acad. Sci. No.* **12** : 1-117 map.

Ford, J. R. White Ibis at Fremantle. *W. Aust. Nat.* **5** : 138.

Ford, J. R. [and others]. Irruption of the White-winged Black Tern into the South-west, 1956. *W. Aust. Nat.* **5** : 121-125.

Ford, T. W. *see* Reeve.

Foster, B. The Short-eared Owl of Churchill, Ontario. *Ontario Fld. Biol. No.* **9** 1955 : 15-17 1 fig.

Fourie, S. A contribution to the cranial morphology of *Nyctisyrigmus pectoralis pectoralis* with special reference to the palate and cranial kinesis. *Ann. Univ. Stellenbosch* **31A** : 179-215 figs.

Fox, R. P. Large Swainson's Hawk flight in south Texas. *Auk* **73** : 281.

Fox, W., Jr. Pileated Woodpecker south of the Sierra Nevada in California. *Condor* **58** : 74.

Frade, F. and Pinto, A. R. Avifaunal distribution throughout Mozambique. *Garcia de Orta* **3** 1955 : 219-224 1 map.

Francis, G. The winter birds of Strathgowan—a five year summary. *Ontario Fld. Biol. No.* **9** 1955 : 12-13.

Frank, G. H. The development of the Chondrocranium of the ostrich. *Ann. Univ. Stellenbosch* **30A** 1954 : 179-248 30 figs.

Franke, H. Feldlerche, *Alauda a. arvensis*, als alpinen Vogel. *Aquila* **55-58** 1948-51 : 292-294.

Fraps, R. M. The varying effects of sex hormones in birds. *Mem. Soc. Endocrinology* **4** 1955 : 205-219.

Freye, H. A. and others. Flug-Baden der Rauchschnalbe (*Hirundo rustica*). *Orn. Mitt.* **8** : 112.

Friedlein, J. T. Birds at North Farnbridge in 1955. Notes from my diary. *Essex Nat.* **29** : 342-344.

Friedmann, H. The Honey-Guides. *Bull. U.S. nat. Mus. No.* **208** 1955 : 1-292 25 pls.

Friedmann, H. (1). Further data on African parasitic Cuckoos. *Proc. U.S. nat. Mus.* **106** 3374 : 377-408 3 pls.

Friedmann, H. and Kern, J. The problem of cerophagy or wax-eating in the Honey-guides. *Quart. Rev. Biol.* **31** : 19-30 fig.

Friedmann, H. and Smith, F. D., Jr. A further contribution to the ornithology of northeastern Venezuela. *Proc. U.S. nat. Mus.* **104** 1955 : 463-524 4 pls.

Frisch, O. v. Zur Brutbiologie und Jugendentwicklung des Brachvogels (*Numerius arquata* L.) [English summary]. *Z. Tierpsychol.* **13** : 50-81 34 figs.

Frith, H. J. Incubation in the Mallee Fowl (*Leipoa ocellata*, Megapodiidae). Int. orn. Congr. **11** 1954 [1955] : 570-574.

Frith, H. J. (1). Breeding habits in the family Megapodiidae. Ibis **98** : 620-640 fig.

Frith, H. J. (2). Wie regelt der Thermometervogel die Temperatur seines Nesthägels? Umschau **56** : 238-239 figs.

Froiland, S. G. see Krause.

Frugis, S. The distribution of heronries in Italy and some remarks on the Night Heron's behaviour. Int. orn. Congr. **11** 1954 [1955] : 575-576.

Fuggles-Couchman, N. R. The specialist conference on Quelea held in French West Africa 1955. Ibis **98** : 538-541.

Fujimoto, T. A stray record of Pacific Frigate Bird from Hachijo I. Tori **14** no. 67 : 31-32 fig.

Fuller, P. J. Unusual Cuckoo hosts. W. Aust. Nat. **5** : 139.

Gabrielson, I. N. In memoriam : Stanley Gordon Jewett. Auk **73** : 513-516 pl.

Gajdacs, M. Ornithological notes from Abyssinia. Aquila **55-58** 1948-51 : 306-307.

Galbraith, I. C. Variation, relationships and evolution in the *Pachycephala pectoralis* superspecies (Aves, Muscicapidae). Bull. Brit. Mus. (nat. Hist.) Zool. **4** : 131-222 8 figs.

Galbraith, I. C. J. see Cain.

Gallman, F. Osservazioni ornitologiche nella Laguna Veneta e a Porto Caleri durante l'anno 1955-1956. Riv. ital. orn. **26** : 115-128.

[**Gambarov, K. M.** Birds of eastern part of the southern slope of the north Caucasian ridge and the adjacent plane.] Trud. zool. zerbaidzh. Akad. Nauk SSSR **17** 1954 : 57-112.

Ganier, A. F. Nesting of the Black-throated Blue and Chestnut-sided Warblers. Migrant, Tennessee **27** : 43-46.

Garavini, E. Eccezionali catture in provincia di Ravenna di un Gracchio e di un Gracchio corallino. Riv. ital. Orn. **26** : 142.

Gardarsson, A. Common Gull breeding in Iceland. Náttúrufræðindurium **26** : 87-93 2 figs. [English summary].

[**Gashek, M.** Problems on vegetative hybridization and tissue graft in warm-blooded animals.] J. gen. Biol. Moscow **15** 5 1955 : 405-412 2 figs. [In Russian].

Gates, J. M. and Beer, J. R. A marsh bird study—Spring 1955. Flicker Minnesota **28** : 16-21 fig.

Gauroy, P. Orientation astronomique et sens du temps chez les arthropodes et les oiseaux. Nature, Paris No. 3255 : 279.

Gebhardt, E. Angriffslustige Rabenkrähen. [English summary]. Z. Tierpsychol. **13** : 133-134.

Gebhardt, L. Waldemar Dobbrick zum Gedächtnis. Vogelwelt **77** : 155-156.

Geesteranus, H. P. M. De vogelbevolking van Het Hol. Kortenhoef, Amsterdam 1955 : 18-19.

Geibert, J. Schwalbennest auf dem Rücken eines präparierten Sperbers. Orn. Mitt. **8** : 236 fig.

Geis, A. D. and Elbert, L. H. Relation of the tail length of cock Ring-necked Pheasants to harem size. Auk **73** : 289.

Genelly, R. E. and Rudd, R. L. Effects of DDT, Toxaphene, and Dieldrin on pheasant reproduction. Auk **73** : 529-539 figs.

Genelly, R. E. and Rudd, R. L. (1). Chronic toxicity of DDT, Toxaphene, and Dieldrin to ring-necked pheasants. Calif. Fish Game **42** : 5-14 1 fig.

Gentilli, J. Tropical cyclones as bioclimatic activators. W. Aust. Nat. **5** : 82-86.

George, E. F. A report on the analysis of one hundred thirty-two pellets of the Long-eared Owl. Proc. Ind. Acad. Sci. **64** 1955 : 257-288-.

George, J. C. and Jyoti, D. Histological features of the breast and leg muscles of bird and bat and their physiological and evolutionary significance. J. Anim. Morph. Physiol. **2** 1955 : 31-36.

George, J. C. and Jyoti, D. (1). The lipid content and its reduction in the muscle and liver during long and sustained muscular activity. *J. Anim. Morph. Physiol.* **2** 1955 : 37-45.

Geréby, G. The Syrian Woodpecker's spreading near Pécs. *Aquila* **59-62** 1955 : 444.

Géroudet, P. L'évolution de l'avifaune suisse dans la première moitié du XX^e siècle. *Int. orn. Congr.* **11** 1954 [1955] : 72-80 figs.

Géroudet, P. (1). La station ornithologique de Sempach s'est bâtie un nouveau nid. *Nos Oiseaux* **23** : 171-176 figs.

Géroudet, P. (2). Le Busard des roseaux en Suisse romande. *Nos Oiseaux* **23** : 209-213.

Géroudet, P. (3). [Obituary] Robert Poncy. *Nos Oiseaux* **23** : 213-217.

Géroudet, P. (4). Le Pipit farlouse nicheur en Suisse. *Nos Oiseaux* **23** : 225-233 figs.

Géroudet, P. (5). La saison de nidification en 1955. *Nos Oiseaux* **23** : 248-253.

Géroudet, P. (6). Quelques jours d'août à Texel. *Nos Oiseaux* **23** : 266-279 pl. figs.

Géroudet, P. (7). Les migrations d'été et d'automne en 1955. *Nos Oiseaux* **23** : 284-292.

Géroudet, P. (8). Les oiseaux et la vague de froid de février 1956 en Suisse romande. *Nos Oiseaux* **23** : 301-313 figs.

Géroudet, P. (9). Le sixième recensement hivernal (1955-1956) des oiseaux d'eau en Suisse romande. *Nos Oiseaux* **23** : 314-325 figs. 2 pls.

Géroudet, P. (10). Necrologie—Robert Poncy (1875-1955). *Orn. Beob.* **53** : 60.

Géroudet, P. (11). A propos des Bergeronnettes printanières de Dombes. *Orn. Beob.* **53** : 72-74.

Géroudet, P. and Barruel, P. Notes d'ornithologie jurassienne. *Alauda* **24** : 81-96.

Géroudet, P. and Barruel, P. (1). L'Hypolaïs polyglotte dans la vallée de Chiavenna (Italie). *Nos Oiseaux* **23** : 283.

Géroudet, P. and others. Calendrier ornithologique—Les migrations du printemps 1955 : 181-191. La saison d'hiver 1955-56 : 328-339. *Nos Oiseaux* **23**.

Gerrits, H. A. The breeding results of the Tawny Frogmouth : 142-148. Breeding of the Black-breasted Plover : 219-223 2 pls. *Avicult. Mag.* **62**.

Gerzeli, G. Il tenone di acido desossiribonucleico negli eritrociti di *Anas platyrhynchos*, *Cairina moschata* e dei loro ibridi diretti e reciproci. *Experientia* **12** : 265-267. [English summary].

Gerzeli, G. Forma e grandezza dei nuclei di eritrociti in strisci di *Anas platyrhynchos*, *Cairina moschata* e loro ibride diretti e reciproci. *Mikrokosmos* **11** : 230-232 2 figs.

Geyer, H. B. Erpelsuche der Stockente. *J. Orn.* **97** : 94.

Geyr von Schweppenburg, H. F. Allgemeine Prinzipien des Vogelzuges. *Int. orn. Congr.* **11** 1954 [1955] : 155-160.

Geyr von Schweppenburg, H. F. (1). Heimzug von Eichelhähern (*Garrulus glandarius*). *Vogelwarte* **18** : 210.

Geyr von Schweppenburg, H. F. (2). "Marschenkuckucke ?" *Vogelwelt* **77** : 156.

Ghiselin, I. A transitorily albinistic Robin produces normal offspring. *Condor* **58** : 235.

Giban, J. Akustische Forschungen an Rabenvögeln. *Orn. Mitt.* **8** : 71-73.

Gibb, J. Territory in the genus *Parus*. *Ibis* **98** : 420-429.

Gibb, J. (1). Food, feeding habits and territory of the Rock Pipit *Anthus spinoletta*. *Ibis* **98** : 506-530.

Gibbs, R. H., Jr. and S. P. Rose-throated Becard nesting in the Chiricahua Mountains, Arizona. *Wilson Bull.* **68** : 77.

Gibson, J. D. Display flights of the Crested Tern. *Emu* **56** : 131-132.

Gibson, J. D. and Sefton, A. R. Additional records of Great-winged and Brown-headed Petrels from New South Wales, and some comparisons. *Emu* **56** : 133-135.

- Gibson, J. D. and Sefton, A. R. (1).** Red-tailed Tropic-bird at Port Kembla, N.S.W. *Emu* **56** : 198.
- Gibson, J. D. and Sefton, A. R. (2).** A Petrel new for Australia. *Emu* **56** : 211-212.
- Gibson-Hill, C. A.** Birds recorded from the Aroa Islands, Malacca Strait: 155-179 map. Ornithological notes from the Raffles Museum, nos. 23-25 : 180-191. *Bull. Raffles Mus.* No. 27.
- Gillet, H.** *see* Berlioz.
- Gillham, M.** Some effects of the larger animals on the flora of Lundy. *Rep. Devons. Ass.* **87** 1955 : 205-229 4 figs.
- Gillham, M. E.** Feeding habits and seasonal movements of Mute Swans on two South Devon estuaries. *Bird Study* **3** : 204-211.
- Gilliard, E. T.** The systematics of the New Guinea Manucode, *Manucodia ater*. *Amer. Mus. Novit.* No. 1770 : 1-13 7 figs.
- Gilliard, E. T.** Bower ornamentation versus plumage characters in Bower-Birds. *Auk* **73** : 450-451.
- Gillicron, G.** La chasse de l'Autour. *Nos Oiseaux* **23** : 282.
- Gizenko, A. I.** Ptitsui Sakhalinskoi Oblasti. Moskva (Akademiya Nauk SSSR) 1955 : 328 pp. illustr.
- [**Gladkov, N. A.** Economic importance of wild birds and the method of its determination.] *Ornith. Conf. Riga* 1951 1953 : 5-16. [In Russian].
- [**Gladkov, N. A. and Zaletae, V. S.** The importance of *Larus argentatus cachinnus* in the pisciculture of Baikal Sea.] *St. Petersburg. Acad. Imp. Sci. Ichthyol. Com.* **4** 1955 : 180-187. [In Russian].
- Gladkov, N. A.** *see* Dementiev.
- Glenny, F. H.** Modifications of pattern in the aortic arch system of birds and their phylogenetic significance. *Proc. U.S. nat. Mus.* **104** 1955 : 525-621 figs.
- Glover, B.** The Blue Wren along the Murray River. *Emu* **56** : 228.
- Glover, B. (1).** Movements of birds in South Australia, Part II : 6-8. Part III—in other States : 25-28. *S. Aust. Orn.* **22**.
- Glover, B. and Schodde, R.** Additional South Australian records. *S. Aust. Orn.* **22** : 20-22.
- Godfrey, W. E.** Additional notes on birds of the East Kootenay, British Columbia. *Bull. nat. Mus. Can.* No. 136 1955 : 85-94.
- Godfrey, W. E. (1).** The Little Egret, a new bird for North America. *Auk* **73** : 457.
- Goehring, H. H.** Notes on Swift banding at St. Cloud, Minn. *Flicker Minnesota* **28** : 57-61.
- Goerlitz, E.** Spätbrut der Ringeltaube (*Columba palumbus palumbus*). *Orn. Mitt.* **8** : 31.
- Goethe, F.** Vergleichende Beobachtungen zum Verhalten der Silbermöwe (*Larus argentatus*) und der Heringsmöwe (*Larus fuscus*). *Int. orn. Congr.* **11** 1954 [1955] : 577-582.
- Goethe, F. (1).** Beobachtungen bei der Aufzucht junger Silbermöwen. *Z. Tierpsychol.* **12** 1955 : 402-433 13 figs. [English summary].
- Goethe, F.** Fuchs, *Vulpes vulpes* (Linné 1758), reibt Schlafgesellschaft von etwa sechzig jugendlichen Silbermöwen (*Larus argentatus* Pontopp.) auf. *Säugetierk. Mitt.* **4** : 58-60 3 figs.
- Goethe, F. and Henneberg, H. R.** *Fulmarus glacialis minor* (Kjaerbølling) am Strand von Wangeroog gefunden. *J. Orn.* **97** : 234 fig.
- Goethe, F. and Jungfer, W.** Fremde Silbermöwen formen an deutschen Küsten. Doch sibirische Silbermöwe (*Larus argentatus birulae* Pleske) bei Helgoland. *Vogelwarte* **18** : 152-157 fig.
- Goffinet, J.** L'influence de certaines substances sur l'action téragène des rayons X. *Arch. Anat. micr. Morph. exp.* **45** : 162-172.
- Goldsmith, T. H. and Griffin, D. R.** Further observations of homing terns. *Biol. Bull. Woods Hole* **111** : 235-239 figs.
- Golley, F. B. and Johnsgard, P. A.** Fall distribution of birds in a Palouse river canyon. *Ecology* **36** 1955 : 754-755.
- Goodbody, I. M.** Autumn migration on the Kintyre Peninsular. *Brit. Birds* **49** : 417-431 figs.

Goodbody, I. M. (1). Breeding of Leach's Petrel on Inishtearaght in 1901. *Irish Nats. J.* **11** 1955 : 346.

Goodbody, I. M. (2). Field notes on the Corn Bunting (*Emberiza calandra*) : Habitat and distribution in Aberdeenshire. *Scot. Nat.* **67** 1955 : 90-97 1 fig.

Goodman, D. C. *see* Fisher, H. I.

Goodwin, C. E. Black duck and mallard populations in the Toronto area. *Ontario Fld. Biol.* No. 10 : 7-18 1 fig.

Goodwin, D. The significance of some behaviour patterns of pigeons. *Bird Study* **3** : 25-37.

Goodwin, D. (1). The problem of birds escaping from captivity [with Editorial]. *Brit. Birds* **49** : 337-349 figs.

Goodwin, D. (2). Remarks on the Rock and Speckled Pigeons, *Columba livia* Linnaeus, and *C. guinea* Linnaeus. *Bull. Brit. orn. Cl.* **76** : 6-9 fig.

Goodwin, D. (3). Note on an alleged specimen of *Hylocichla u. ustulata* Nuttall from British Guiana. *Bull. Brit. orn. Cl.* **76** : 9.

Goodwin, D. (4). Note on the plumage of the Firethroat *Luscinia pectardens*. *Bull. Brit. orn. Cl.* **76** : 74-75 fig.

Goodwin, D. (5). Note on the genus *Pseudocossyphus* Sharpe. *Bull. Brit. orn. Cl.* **76** : 143-144.

Goodwin, D. (6). Further observations on the behaviour of the Jay *Garrulus glandarius*. *Ibis* **98** : 186-219 figs.

Goodwin, D. (7). Feral pigeons. *Mid Thames Nat.* No. 7 1954 : 14-17 figs.

Goodwin, D. (8). Observations on the voice and some displays of certain pigeons. *Avicult. Mag.* **62** : 17-33, 62-70 figs.

Goodwin, D. and Vaurie, C. Are *Luscinia pectardens* (David & Oustalet) and *Luscinia obscura* (Berezowsky & Bianchi) colour phases of a single species? *Bull. Brit. orn. Cl.* **76** : 141-143 fig.

Goodwin, D. *see* Vaurie.

Gordon, B. L. There really was a Dodo. *Frontiers* **21** : 5-8 figs.

Gordon, L. My friends the weavers. *Afr. Wild Life* **10** : 20-22 2 figs.

Gorringe, K. Records for 1954-55. *Aves. Proc. Bournemouth nat. Sci. Soc.* **45** : 27-29.

Göttgens, H. *see* Feindt.

Govett, J. R. The roosting of gulls at Eccup Reservoir (Winter of 1953-1954). *Naturalist* No. 856 : 1-7 figs.

Graetz, E. Beobachtungen über das Verhalten einiger Tanagriden, Coerebinen und Icteriden im tropischen Klima. *Zool. Beitr., Berl.* **2** : 273-278.

Graham, C. S. Reports of Ornithological section for 1952-1955. *Bull. Soc. jersiaise* **16** 1953-1956 : 20-32, 128-138, 252-263, 347-354.

Gramet, P. Étude du phono comportement d'un couple de freux (*Corvus frugilegus* L.), lors du nourrissage de la femelle pendant la couvaison et des jeunes après l'éclosion : 126-131. (1) Phonoréponses de *Corvus frugilegus* à des signaux artificiels. (II) Résultats généraux des essais acoustiques en nature : 171. Observations sur le processus d'arrivée et de départ du dortoir chez certains corbeaux : 207-217. *Bull. Soc. zool. Fr.* **81**.

Gramet, P. *see* Busnel.

Grant, C. H. B. The "first reviser" and the name of the Philippine Pelican. *Bull. Brit. orn. Cl.* **76** : 112-113.

Grant, C. H. B. and Mackworth-Praed, C. W. [New races] from Tanganyika Territory. *Bull. Brit. orn. Cl.* **76** : 33-34.

Grant, C. H. B. and Mackworth-Praed, C. W. (1). On the type locality of *Lybius bibentatus* (Shaw). *Bull. Brit. orn. Cl.* **76** : 124.

Grant, C. H. B. and Mackworth-Praed, C. W. (2). On *Barbatula bocagei* Sousa, *Jorn. Ac. Real. Sci. Lisboa*, 11, p. 158, 1886 : Caconda, Angola. African Swifts, on the type locality of *Lybius dubius* (Gmelin). *Bull. Brit. orn. Cl.* **76** : 159-160.

Grant, C. H. B. and Mackworth-Praed, C. W. (3). On the status of the Quail Finch (*Ortygospiza polyzona* (Temminck)). *Ostrich* **27** : 41.

Grant, C. H. B. *see* Harrison, J. M.

Gray, J. The flight of animals. Rep. Smithson. Instn. **1954** 1955 : 285–303 10 figs. 10 pls.

Green, L. G. Panther head. London, etc. 1955 : 1–256 14 pls.

Green, R. Notes on the inland breeding of the Red-capped Dotterel. Emu **56** : 140–143.

Grensted, L. W. Report on the question of the correct form of the family-group name based upon the generic name "Podiceps" Latham, 1787 (Class Aves). Bull. zool. Nom. **12** : 247.

Greve, K. Nachtschwalbe (*Caprimulgus europaeus*) Ende März in Niedersachsen. Vogelwelt **77** : 61.

Grierson, J. Behaviour of Common Tern after eggs had been stolen. Brit. Birds **49** : 85.

Griffen, D. M. and others. A review of ornithological observations at Lista, South Norway. Sterna **23** : 1–48 2 maps.

Griffin, D. R. see Goldsmith.

Groebbels, F. Bemerkungen über den aerodynamischen Bauplan und die Flugweise vom Eisvogel (*Alcedo atthis ispida*) und Mauersegler (*Micropus apus*). Orn. Mitt. **8** : 28–30 figs.

Groebbels, F. (1). Untersuchung über den morgendlichen Beginn und die abendliche Beendigung der Stimm-äusserungen von Vogelarten. Orn. Mitt. **8** : 61–66.

Groebbels, F. and **Gröhn, K. H.** Über Ansammlungen und Schlafplätze des Kolkraben. Orn. Mitt. **8** : 225–226.

Gross, A. O. Changes of certain sea bird populations along the New England coast of North America. Int. orn. Congr. **11** 1954 [1955] : 446–449.

Gross, A. O. (1). The recent reappearance of the Dickcissel (*Spiza americana*) in eastern North America. Auk **73** : 66–70.

Gross, R. Water soluble compounds (non-keratins) associated with the plumage of the pigeon (*Columba livia*). Aust. J. exp. Biol. med. Sci. **34** : 65–69.

Grössler, K. Tauchende Flussuferläufer (*Actitis hypoleucos*). Orn. Mitt. **8** : 129.

Grossu, A. V. Cloclitul parazitair la cuc. Bul. Soc. Nat. Român. No. 16 1943 : 9–12.

Gudmundsson, F. Icelandic birds. XII. The Lesser Blackback (*Larus fuscus*). Náttúrfraedingurinn **25** 4 1955 : 215–226 5 figs.

Gudmundsson, F. (1). Icelandic birds XIII. The Kittiwake (*Rissa tridactyla*). [English summary]. Náttúrfraedingurinn **26** : 131–137 4 figs.

Gudmundsson, F. (2). Fugla-merkingir Náttúrugripsafusins 1950–1952. Náttúrfraedingurinn **26** : 142–157.

Gugg, C. Zur sommerlichen Avifauna der Südlichen Abruzzens. J. Orn. **97** : 202–203.

Guichard, G. Un cas de nidification d'Aigrettes garzettes dans l'estuaire de la Loire : 73. Les apparitions en France de la Guifette leucoptère *Chlidonias leucopterus* (Temminck). Alauda **24** : 139–144 fig.

Guichard, G. (1). Notes sur la biologie du Grand-duc (*Bubo b. bubo* L.). Oiseau **26** : 126–134 pl.

Guichard, K. M. Observations on wintering birds near Tripoli, Libya. Ibis **98** : 311–316.

Guiguet, C. J. Enigma of the Pacific. Audubon Mag. **58** : 164–167, 174 figs.

Gullion, G. W. An Ancient Murrelet in northeastern Nevada. Condor **58** : 163.

Gullion, G. W. (1). Evidence of double-brooding in Gambel Quail. Condor **58** : 232–234.

Gullion, G. W. (2). The current status of the Starling in Nevada. Condor **58** : 446.

Gullion, G. W. and **Hoskins, L. W.** Noteworthy bird records from northeastern Nevada. Condor **58** : 295.

Gunnarsson, A. and others. Meddelanden [Swedish short notes]. Vår Fågelv. **15** : 275–287.

Gunter, G. Duck blinds as nest sites for Great Blue Herons on the South Texas coast. On the reluctance of gulls to fly under objects. Auk **73** : 131.

Gupta, B. L. Spermatogenesis of the domestic duck with observations on living material under the phase-contrast microscope. Res. Bull. Panjab Univ. No. 77 1955 : 131-140 3 pls.

[**Gusev, V. M.** On winter food of *Athene noctua* in Apsheron peninsula]. Zool. Zh. **35** : 300-303. [In Russian].

Güth, K. Spätbeobachtung vom Trauerschnäpper (*Muscicapa hypoleuca*). Orn. Mitt. **8** : 34.

Güth, K. (1). Eichelhäher (*Garrulus glandarius*) brütet an einer Scheune und in einer Kopfweide. Orn. Mitt. **8** : 74.

Güth, K. (2). Spätbeobachtung vom Hausrotschwanz. Orn. Mitt. **8** : 77.

Guttman, B. S. Minnesota nesting records. Flicker, Minnesota **28** : 133-137.

Gyéressy, A. Avocet in the vicinity of Budapest. Aquila **59-62** 1955 : 440.

Györy, J. and Gárdonyi, G. Crested Titmouse near Sopron : 444. Unusual nesting-sites of Tree-creepers : 445. Goldcrest's probable breeding near Sopron : 447. Aquila **59-62** 1955.

Haan, H. J. H. de. De zilvermeeuw *Larus argentatus argentus* Brehm. broedend in de Ospeler Peel (Limburg). Natuurh. Maandbl. **44** 11-12 1955 : 112-114 2 figs.

Haan, H. J. H. de (1). Een tweede eksemplaar van der Amerikaanse Blauwleugeltaling *Anas discors* L. in Nederland Gevangen. Natuurh. Maandbl. **45** : 65-67 2 figs.

Haartman, L. von. Clutch size in polygamous species. Int. orn. Congr. **11** 1954 [1955] : 450-453 figs.

Haartman, L. von (1). Der Einfluss der Temperatur auf den Brutrhythmus experimentell nachgewiesen. Orn. fenn. **33** : 100-107.

Haartman, L. von (2). Territory in the Pied Flycatcher. Ibis **98** : 460-475 figs.

Haas, G. Vorkommen und Verhalten des Schelladlers (*Aquila clanga*) in Württemberg. Vogelwelt **77** : 22-24 4 pls.

Haász, J. Kingfisher's nesting at Budapest. Aquila **59-62** : 443.

Habli, E. Vogelkundliche Beobachtungen aus dem Bezirke Marau. Mitt. naturw. Ver. Steiermark **85** 1955 : 81-87.

Hachler, E. Sur l'apparition en Tchécoslovaquie des cercles de sous-espèce nordique. Aquila **59-62** 1955 : 336.

Hagen, Y. The irruption of Hawk-owls (*Surnia ulula* (L.)) in Fennoscandia 1950-51. Sterna **24** : 1-22 3 figs.

Håkansson, G. Observations on ducks and cormorants in the Baltic during a severe winter. Vår Fågely. **15** : 248-251 2 pls.

Haldane, J. B. S. The calculation of mortality rates from ringing data. Int. orn. Congr. **11** 1954 [1955] : 454-458.

Hale, W. G. Displacement coition in the Mallard. Brit. Birds **49** : 84.

Hale, W. G. (1). The lack of territory in the Redshank *Tringa totarus*. Ibis **98** : 398-400.

Hale, W. G. (2). Observation on the winter populations of the Blackbird (*Turdus merula* L.) and the Song Thrush (*Turdus ericetorum* Turton) in a northern habitat. Northw. Nat. N.S. **3** : 324-337 figs.

Hall, B. P. Variation in the Flycatcher Shrike *Hemipus picatus* (Sykes). Bull. Brit. orn. Cl. **76** : 63-64.

Hall, B. P. (1). First record of the Chinese Lesser Crested Tern, *Thalasseus zimmermanni*, from Thailand. Note on Sir Walter Williamson, C.M.G. Bull. Brit. orn. Cl. **76** : 87-88.

Hall, B. P. (2). Notes on a small collection of birds from Panda Matenga, N.E. Bechuanaland. Ostrich **27** : 96-109.

Hall, B. P. and Deignan, H. G. A new race of Leafbird from Indochina. Bull. Brit. orn. Cl. **76** : 96.

Hallack, M. see MacLeod.

Hamerstrom, F. and F. Population density and behavior in Wisconsin Prairie Chickens (*Tympanuchus cupido pinnatus*). Int. orn. Congr. **11** 1954 [1955] : 459-466 2 pls. figs.

Hames, F. Masked Duck in Florida. *Auk* **73** : 291.

Hampé, A. Sur la topographie des ébauches présumptives du membre postérieur du poulet. *C.R. Acad. Sci. Paris* **243** : 970-973.

Handley, C. O., Jr. The northernmost nesting of the Rough-legged Hawk in North America. *Wilson Bull.* **68** : 246-248 figs.

Hankó, M. Red-breasted Goose, *Branta ruficollis*, in Ó-Kigyós : 276. Another occurrence of *Accipiter badius brevipes* Ser. in Ó-Kigyós : 282. *Aquila* **55-58** 1948-51.

Hankó, M. (1). Second occurrence of the Tawny Eagle in Hungary. *Aquila* **59-62** : 432.

Hanlon, R. W. Heron Island—General Shields Lake. Flicker Minnesota **28** : 130-133, 150.

Hann, H. W. The biology of birds. *Ann Arbor, Mich.* 1953 : i-vii, 1-153 9 pls.

Hannerz, D. Kort visit i Pessinki-Fauna och Flora **51** 3 : 111-121.

Hansson, G. *see* Lundin.

Harber, D. D. Serin in Sussex. *Brit. Birds* **49** : 154.

Harger, E. M. Behavior of a Ring-necked Pheasant on a Prairie Chicken booming ground. *Wilson Bull.* **68** : 70.

Harle, D. F. Black-bellied Dipper in Kent. *Brit. Birds* **49** : 325.

Harrison, C. J. O. Some fire-finches and their behaviour. *Avicult. Mag.* **62** : 128-141 figs.

Harrison, J. G. Flying habits of Pintail and Wigeon from the Wash into the Fens, 1943 and 1945. *Rept. Cambridge Bird Cl.* 1955 : 2.

Harrison, J. G. and Wayre, P. A case of congenital muscular hemiatrophy in a Barrow's Goldeneye. *Bull. Brit. orn. Cl.* **76** : 129-130.

Harrison, J. G. *see* Randall.

Harrison, J. M. On a collection of birds made by Flight Lieutenant David L. Harrison in Oman, Arabia. *Bull. Brit. orn. Cl.* **76** : 34-36, 46-51.

Harrison, J. M. and J. G. An Icelandic Redshank in freshly moulted summer plumage in November. *Bull. Brit. orn. Cl.* **76** : 23-25 fig.

Harrison, J. M. and J. G. (1). Abnormal seasonal assumption of spring plumage in the Redshank (*Tringa totanus* L.) in association with possible radioactive contamination. *Bull. Brit. orn. Cl.* **76** : 60-61.

Harrison, J. M. and J. G. (2). Plumage changes in wild tubercular Wood Pigeon. *Bull. Brit. orn. Cl.* **76** : 76-78 fig.

Harrison, J. M. and J. G. (3). An unusual plumage variation in the Wigeon, *Anas penelope* Linnaeus. *Bull. Brit. orn. Cl.* **76** : 125-126 fig.

Harrison, J. M., Grant, C. H. B. and Deignan, H. G. A memorandum on the name *Corvus monedula spermologus* Vieillot. *Bull. Brit. orn. Cl.* **76** : 110-112.

Harrison, T. The Mountain Black-eye (*Chlorocharis*). Ecology and natural history. *Sarawak Mus. J.* **6** 1955 : 662-687 3 pls.

Harrison, T. Borneo bird research, 1946-56. *Sarawak Mus. J.* **7** : 229-232.

Harrison, T. *see* Smythies.

Hartman, F. A. A nest of the Striped Horned Owl. *Condor* **58** : 73 fig.

Hartshorne, C. The monotony-threshold in singing birds. *Auk* **73** : 176-192.

Harwin, R. M. Field identification of Raptors—Eagles. *Bokmakierie* **7** 1955 : 33-38 figs.

Harz, K. Ein Beitrag zur Verbreitung des Kleibers (*Sitta europaea caesia*). *Orn. Mitt.* **8** : 12-14.

Hašek, M. Tolerance phenomena in birds. *Proc. roy. Soc.* **146B** : 67-77.

Hatch, R. Broad-winged Hawk—Symbol of the northern wilds. *Audubon Mag.* **58** : 60-63 figs.

Hauri, R. Beiträge zur Biologie des Kolkraben (*Corvus corax*). *Orn. Beob.* **53** : 28-35 fig.

Haverschmidt, F. List of the Birds of Surinam. Utrecht (Foundation for Scientific Research in Surinam and the Netherlands Antilles) 1955 153 pp. 2 portr. 2 pls. 1 map. (Publ. Fdn. Sci. Res. Surinam and the Netherlands Antilles No. 13).

Haverschmidt, F. (1). Une iconographie inconnue de Descourtilz. *Alauda* **24** : 241-244 figs.

Haverschmidt, F. (2). Notes on a nest of the Guianan Chachalaca. *Condor* **58** : 293 fig.

Haverschmidt, F. (3). Was ist *Melanerpes hargitti* Dubois? *J. Orn.* **97** : 411-414.

Haverschmidt, F. (4). Nest-schützer für Bodenbrüter. Zusammenlegen von Rotschenkel und Kampfläufer in einem Nest. *Orn. Mitt.* **8** : 75 figs.

Haverschmidt, F. (5). Das Wenden der Eier beim Weissstorch. *Vogelwelt* **77** : 118 pl.

Haverschmidt, F. (6). The nest and egg of *Tachyphonus phoenicius*. *Wilson Bull.* **68** : 322-323 fig.

Hayashi, T. Capture of a Bustard in Fukui. *Tori* **14** no. 67 : 33.

Haydock, E. L. Breeding record of *Phalacrocorax carbo lucidus* in Central Province of Northern Rhodesia. *Ostrich* **27** : 87.

Hayman, P. J. A note on field identification of Pratincoles. *Brit. Birds* **49** : 312-313 pl.

Hazelwood, A. and Gorton, E. On *Phylloscopus trochilus* (Linn.) in Great Britain. *Bull. Brit. orn. Cl.* **76** : 11-13 fig.

Hazelwood, A. and Gorton, E. (1). On two large examples of *Plautus alle* (L.) from Gt. Britain. *Bull. Brit. orn. Cl.* **76** : 107.

Hebditch, G. A. Visible migratory movements of Chaffinches and Starlings in Autumn, 1955, B.E.N.A. enquiry. *Country-Side N.S.* **17** : 484-486 1 fig.

Hedemann, H. v. [and Tenuis, K.] Ornithologische Ferienbeobachtungen in Südtirol. *Orn. Mitt.* **8** : 1-6.

Hediger, H. Studies of the psychology and behaviour of captive animals in zoos and circuses. London (Butterworth) 1955, pp. vii + 166 16 pls.

Heer, E. Von der Verbreitung der Türkentaube im Ries und seiner Umgebung bis 1955. *Anz. Orn. Ges. Bayern* **4** : 447-453.

Heer, E. (1). Die Invasion des Tannenhühners (*Nucifraga caryocatactes* in Württemberg 1954/55. *Jh. Ver. vaterl. Naturk. Württemb.* **111** : 200-207 map.

Heinrich, G. Biologische Aufzeichnungen über Vögel von Halmahera und Batjan. *J. Orn.* **97** : 31-40.

Heiser, F. Erste Spatelente (*Bucephala islandica*) in Bayern. *Orn. Mitt.* **8** : 133.

Hemming, F. On the use of the expression "*Capella coelestis*" to denote the Snipe. *Opin. int. Comm. zool. Nom.* **1 D** : 131-138 1 pl.

Hemming, F. (1). Proposed suppression under the plenary powers of the specific name *ferox* Gmelin (S.G.), 1771, as published in the combination *Accipiter ferox* (Class Aves) (Application submitted to secure a clarification of *Opinion* 67). *Bull. zool. Nom.* **12** : 120-122.

Hemming, F. (2). Proposed use of the plenary powers to secure that the family-group name for the Divers (Loons) shall be "*Gaviidae*" Coues, 1903, the oldest family-group name based on the generic name "*Gavia*" Forster, 1788, the name prescribed for this genus by the ruling under the above powers given in "*Opinion*" 401. *Bull. zool. Nom.* **12** 1956 : 240-246.

Hemming, F. (3). Important decisions on the names of certain birds recently adopted by the International Commission in Zoological nomenclature. *Emu* **56** : 162.

Hemminghaus, W. Der Austenfischer—*Haematopus o. ostralegus* L.—als Binnenlandbrüter im Regierungsbezirk Osnabrück unter besonderer Berücksichtigung des Vorkommens im Vechtegebiet der Grafschaft Bentheim. *Veröff. naturw. Ver. Osnabrück* **27** 1955 : 75-85 2 pls. 2 maps.

Hemmings, W. A. *see* Brierley.

Hendron, L. R. The House Wren in Tennessee. *Migrant, Tennessee* **27** : 23-30.

Henneberg, H. R. *see* Goethe.

Henneberg, R. Oelpestbeobachtungen auf Wangeroog. *Beitr. Naturh. niedersachs* **8** 1955 : 102-105 figs.

Hermanson, W. Vid ett syd-skånskt bo av sommargyllingen (*Oriolus o. oriolus* [L.]) år 1955. Fauna och Flora **51** : 15–21 1 fig.

Hertzog, L. and Malan, A. L'opinion des ornithologues français sur le final à redites de la Fauvette à tête noire *Sylvia a. atricapilla* (L.). Alauda **24** : 62–69.

Heurn, W. C. van. A case of trichinosis in a Jay (*Garrulus glandarius*). Limosa **28** 1955 : 138.

Heyder, R. Die Amsel. Leipzig (Geest & Portig) 1953 38 pp. 16 illustr. 2 maps (Neue Brehm-Bücherei Heft 95).

Heyder, R. (1). Ein Rückblick auf die geschichtliche Entwicklung der Vogelkunde in der Oberlausitz. Nat. Cusatica No. 2 1955 : 7–24 figs.

Heyder, R. (2). Über das strittige Vorkommen von *Strix varia* Barton in Europa. J. Orn. **97** : 442.

Heyder, R. (3). Die Aufstellung einer Vogelfauna als Arbeitsaufgabe. Orn. Mitt. **8** : 21–24.

Heyder, R. (4). Über die Nistweise der Beutelmeise (*Remiz pendulinus*). Orn. Mitt. **8** : 141–143.

Hibbard, E. A. An old nesting record for the Whooping Crane in North Dakota. Wilson Bull. **68** : 73.

Hickey, J. J. Notes on the succession of avian communities at Itasca Park, Minnesota. Flicker Minnesota **28** : 2–10.

Hickling, G. Ornithological report on the Farne Islands for 1955. Trans. nat. Hist. Soc. Northumb. N.S. **11** : 213–227.

Higginson, A. R. R. Speed of flight of the Brush Bronzewing Pigeon. S. Aust. Nat. **30** 3 : 45.

Hiidensalo, O. [and others]. [Finnish bird notes]. Luonnon Tutkija **59** 4 1955 : 116–118.

Hillaby, J. Death of Flamingoes in the Camargue. Nature, Lond. **177** : 1247.

Hilprecht, A. Nachtigall und Sprosser. Wittenberg Lutherstadt (A. Ziemsen Verlag) 1954 94 pp. 25 pls. 11 figs. tables. (Neue Brehmbücherei Heft 143).

Hilton, W. A. A note on the brain plexuses of birds. Bull. S. Calif. Acad. Sci. **54** 3 1955 : 113–116.

Hinde, R. A. The behaviour of certain Cardueline F_1 inter-species hybrids. Behaviour **9** : 202–213.

Hinde, R. A. (1). A comparative study of the courtship of certain finches (Fringillidae). (concluded). Ibis **98** : 1–23.

Hinde, R. A. (2). The biological significance of the territories of birds. Ibis **98** : 340–369.

Hinde, R. A. and others. The following response of young coots and moorhens. Behaviour **9** : 214–242 5 figs.

Hinde, R. A. see Mayr.

Hindwood, K. R. Clustering of Wood-Swallows. Emu **56** : 165–166 pl.

Hislop, J. A. Notes from the National Park. 1. Nest and eggs of the Brown Bullfinch. 2. Nidification of the Red-headed Pitta. Malay. nat. J. **10** : 122.

Hobbs, J. N. Night-Heron's feeding habits. Emu **56** : 61.

Hochbaum, H. A. Travels and traditions of waterfowl. Minneapolis (Univ. of Minnesota Press) 1955, pp. xii + 301 text illustr.

Hocheder, L. [and Scheithe, K.] Segler- und Schwalbenfang mit dem Jappnetz [Schnellnetz]. Vogelwarte **18** : 224–225 fig.

Hoesch, W. Über das Nisten südwestafrikanischer Vögel unter dem Schutz der Wespe *Belonogaster rufipennis*. J. Orn. **97** : 341 fig.

Hofer, H. Neuere Untersuchungen zur Kopfmorphologie der Vögel. Int. orn. Congr. **11** 1954 [1955] : 104–137 figs.

Hoffmann, L. La nidification des Flamants en 1955. Tene et la Vie **102** 1955 : 327–328.

Hoffmann, L. and Penot, J. Premier recensement des canards hivernant en Camargue. Terre et la Vie **102** 1955 : 315–320.

Hoffmann, R. S. Observations on a Sooty Grouse population at Sage Hen Creek, California. Condor **58** : 321–333.

Hofmann, H. Kiebitze auf dem Radarschirm. Orn. Beob. **53** : 79-81 fig.

Hofslund, P. B. The birds of Gooseberry Falls State Park. Flicker, Minnesota **28** : 62-70.

Hofslund, P. B. (1) editor. Notes of interest. Flicker, Minnesota **28** : 159-170.

Hogrebe, B. Vogelkundliche Notizen aus dem Raume Osnabrück. Orn. Mitt. **8** : 97.

Hohlt, H. Rabenkrähe (*Corvus corone*) macht Nestmulden—Drehen am Boden. Vogelwelt **77** : 158.

Höhn, E. O. Seasonal recrudescence of the thymus in adult birds. Canad. J. Biochem. & Physiol. **34** : 90-101 10 figs.

Holgersen, H. Trapping shorebirds in south west Norway. Int. orn. Congr. **11** 1954 [1955] : 666.

Holgersen, H. (1) On a collection of birds from N'Zerekore, French Guinea. Sterna **1** No. 25 : 1-19.

Holgersen, H. (2). Bird-banding in Norway 1955 (Report No. 6). Sterna **2** No. 1 : 1-48.

Holgersen, H. (3). On a hybrid duck. *Anas crecca* × *A. platyrhynchos*. Sterna **2** 2 : 63-64.

Holgersen, H. and Willgoys, J. F. First breeding of the Black-tailed Godwit, *Limosa limosa* (L.), in Norway. Astarte **13** : 1-8 3 figs.

Holinger, F. and Velecký, A. Ornithologická pozorování na Ostravská v r. 1955. Přírod. Sborn. ostravsk. Kraje **17** : 420-422.

Holldorf, O. W. Aus der Vogelwelt des Harzes. Beitr. Naturk. niedersachs. **9** : 40.

Holmgren, N. Studies on the phylogeny of birds. Acta Zool. Stockh. **36** 1955 : 243-328 35 figs.

Holthuis, L. B. and Hemming, F. Proposed use of the plenary powers (a) to validate the generic name *Lepidurus* Leach, 1819, and to designate a type species for, and to determine the gender of, *Triops* Schranck, 1803 (Class Crustacea, Order Phyllopoda) and (b) to validate the family name Apodidae Hartert, 1897 (Class Aves). Bull. zool. Nom. **12** : 67-85.

Homes, R. C. Special review. The Wildfowl Trust : sixth and seventh annual reports. Brit. Birds **49** : 142-148.

Homonnay, F. Starlings and thrushes destroying larvae of May-bug. Aquila **55-58** 1948-51 : 309-310.

Hoogerwerf, A. On the birds of Komodo, Padar and Rintja, the home of *Varanus komodoensis*. [English summary]. Limosa **28** 1955 : 96-112 6 figs.

Hornberger, F. Ist der Rückgang des Weissen Storchs durch künstliche Nestanlagen aufzuhalten? Jh. Ver. vaterl. Naturk. Württemb. **111** : 207-222. 8 figs. See also pp. 260.

Horniman, R. B. Preliminary descriptions of some new birds. Ann. Mag. nat. Hist. (12) **9** : 366-368.

Horváth, L. The life of the Red-legged Falcon (*Falco vespertinus*) in the Ohat forest. Int. orn. Congr. **11** 1954 [1955] : 583-587.

Horváth, L. (1). Bird-faunistic and ecological observations in the Hargita-Mountains (Transsylvania) : 195-203. Booted Eagle breeding in the "Hanyáság" : 282-283. *Circus cyaneus*—Hen-harrier breeding in Hungary again : 283. *Emberiza hortulana*—Ortolan Bunting nesting in Trans-Danubia : 296. *Acrocephalus paludicola*—Aquatic Warbler—nesting in the county of Baranya : 299-300. Aquila **55-58** 1948-51.

Horváth, L. (2). Ornithological observations on the flood-area of Belye. Aquila **59-62** 1955 : 215.

Horváth, L. (3). Communities of breeding birds in Hungary. Acta zool., Budapest **2** : 319-331.

Horváth, L. (4). A new race of the Short-Toed Lark from Hungary. Bull. Brit. orn. Cl. **76** : 132.

Horváth, L. and Keve, A. On the systematic position of the Yellow Bunting, *Emberiza citrinella* Linnaeus, in Hungary. Bull. Brit. orn. Cl. **76** : 92-95 fig.

Hoskins, L. W. see Gullion.

Houtman, G. Vogels in mijn tuin. Natura, Amst. **53** : 103-111.

Hovel, H. Ornithological data from Israel. Aquila **59-62** 1955 : 467.

Howard, L. Living with birds (Collins) London 1956 : 1-256 24 pls. figs.

Howell, T. H. *see* Brattstrom.

Howell, T. R. Variation in *Denconychura longicauda* in Central America and Colombia. *Auk* **73** : 517-528 2 pls.

Howell, T. R. and **Cade, T. J.** Additional data on the birds of Guadalupe Island. *Condor* **58** : 78.

Hoy, J. and others. White-rumped Sandpiper in Midlothian. *Brit. Birds* **49** : 39-41.

Hubbs, C. L. Off-season, southern occurrence of the Black Scoter on the Pacific coast. *Condor* **58** : 448.

Huber, J. Über die Tauchtiefen unserer Wasservögel. *Orn. Beob.* **53** : 5-9.

Hublé, J. Haematological changes in cockerels after ACTH and Cortisone-Acetate treatment. *Poultry Sci.* **34** 6 1955 : 1357-1359.

Huddart, B. J. Bird ringing report. Middle-Thames Nat. No. 8 [1956] : 18-19.

Hudec, K. *see* Kux.

Hudson, G. E. Breeding of the Short-billed Dowitcher on the Copper River Flats, Alaska. *Condor* **58** : 238.

Hüe, F. Sur une capture française de Poule sultane d'Allen *Porphyrula alleni* (Thomson). *Alauda* **24** : 72.

Hüe, F. *see* Rivoire.

Hultberg, G. The birds of the Gefle district. [English summary]. *Vår Fågelv.* **15** : 81-120 19 figs.

Hulten, M. [and others]. Purpurreier (*Ardea purpurea*) [notes]. *Orn. Mitt.* **8** : 50-51.

Humphreys, G. R. Little Bunting in Co. Dublin. *Brit. Birds* **49** : 183.

Huntington, C. E. Age discrimination in a breeding colony of the Herring Gull. *Int. orn. Congr.* **11** 1954 [1955] : 467-469.

Huokuna, A. Über Veränderungen in der Brutvogelfauna der Gegend von Forssa und Tammela (Südwestfinland) in diesem Jahrhundert. *Ornis fenn.* **33** : 96-99.

Hurrell, H. G. Simultaneous migration watches for swifts (*Apus apus*) in the British Isles. *Int. orn. Congr.* **11** 1954 [1955] : 640-642.

Hurrell, H. G. A Raven roost in Devon. *Brit. Birds* **49** : 28-31.

Hutson, H. P. W. and others. The ornithologists' guide, especially for Overseas. Edited by H. P. W. Hutson. London (Brit. Orn. Union) 1956, pp. xix + 275 34 figs.

Huxley, J. Morphism in birds. *Int. orn. Congr.* **11** 1954 [1955] : 309-328.

Huxley, J. (1). Abnormal song of Willow Warbler. *Brit. Birds* **49** : 154.

Ikeda, S. On the food habits of the Indian Cattle Egret *Bubulcus ibis coromandus* Boddaert. *Japan. J. appl. Zool.* **21** : 83-86.

Imler, R. H. and **Kalmbach, E. R.** The Bald Eagle and its economic status. *Circ. U.S. Fish. Wildl. Serv.* No. 30 1955 : 1-51 8 figs.

Immelmann, K. Ornithologische Beobachtungen auf einer Reise ans Nordmeer. *Orn. Mitt.* **8** : 121-123 fig.

Ingband, A. Capture d'une Chettuisse sociable en Vendée. *Oiseau* **26** : 68.

Inglis, C. M. Birds of the Duars, Family Cinclidae. *J. Bengal nat. Hist. Soc.* **27** 1955 : 129-155.

Inglis, C. M. (1). Birds of the Duars, Family Laniidae. *J. Bengal nat. Hist. Soc.* **28** : 18-51, 102-115.

Ingram, C. The order in which the remiges and rectrices are moulted in certain birds. *Int. orn. Congr.* **11** 1954 [1955] : 270-274 figs.

Institut Galli-Valerio. A propos d'une malformation de l'aile chez le Cygne domestique. *Nos Oiseaux* **23** : 180.

Iredale, T. Broinowski's Birds and Mammals of Australia. *Proc. R. zool. Soc. N.S.W.* **1954-55** 1956 : 14-16.

Irving, L. and **Krog, J.** Temperature during the development of birds in Arctic nests. *Physiol. Zool.* **29** : 195-205 2 figs.

Irwin, M. P. S. Notes on the drinking habits of birds in semi-desertic Bechuanaland. *Bull. Brit. orn. Cl.* **76** : 99-101.

Irwin, M. P. S. (1). On the geographical variation in bill size of *Parus afer* in relation to habitat. *Bull. Brit. orn. Cl.* **76** : 114–115.

Irwin, M. P. S. (2). Field notes on a collection from Mozambique. *Ostrich* **27** : 28–39.

[**Isakov, Y. A.** Some problems of the method for studying the seasonal migrations of birds]. *Trud. Bird. ring. Bur.* **8** 1955 : 11–21 4 pp. [In Russian].

Isakov, Y. A. (1) Examination of gastrolites as one of the methods for studying the seasonal migrations]. *Trud. Bird ring. Bur.* **8** 1955 : 179–184. [In Russian].

Iselin, H. Beobachtungen an einem Steinadlerhorst. *Orn. Beob.* **53** : 25–28 2 pls.

[**Ivanauskas, T. L.** Migration of birds in Lithuanian republic]. *Ornith. Conf. Riga* 1951 1953 : 35–42. [In Russian].

Ivangh, J. Wat is oorzaak van de achteruitgang van onze zwaluwen. *Natura, Amst.* **53** : 145–147.

Ivanov, A. I. Ornithology in the U.S.S.R. in the post-war period. *Int. orn. Congr.* **11** 1954 [1955] : 81–85.

Ivanov, A. I. (1). The birds of the Pamirs-Alai mountain system in the winter season. *Int. orn. Congr.* **11** 1954 [1955] : 470–475.

Ivor, H. R. The enigma of bird anting. *Nat. geogr. Mag.* **110** : 105–119 figs.

Jackson, S. F. The morphogenesis of avian tendon. *Proc. roy. Soc.* **144B** : 556–572 6 pls. 3 figs.

Jäggli, M. La ricerca ornitologica del Dr. A. Ulrich Corti. *Boll. Soc. ticin. Sci. nat.* **38** 1943 : 155–157.

Jakab, A. Young pig attacked by Tawny-Owl. *Aquila* **59–62** 1955 : 450.

Jakobs, B. Vogelleben an der Kyllmündung bei Trier: 14–16. Uferschwalben (*Riparia riparia*) als Brutvögel den Mauern entlang der Mosel: 198. *Orn. Mitt.* **8**.

James, P. Destruction of Warblers on Padre Island, Texas, in May, 1951. *Wilson Bull.* **68** : 224–227.

Janisch, M. Fight between *Cuculus c. canorus* L.—Cuckoo—and *Acrocephalus a. arundinaceus* L.—Great Reed Warbler : 291. *Oxyura l. leucocephala*—Ruddy Duck—in Nagyigmánd : 276. Bird nesting in company : 307. *Aquila* **55–58** 1948–51.

Jánossy, D. Fossile ornis aus der Höhle von Istállókö. *Aquila* **55–58** 1948–51 : 205–223.

Jany, E. Schnabelborsten als Träger des jüngsten Sinnesorgans der Vögel. *Int. orn. Congr.* **11** 1954 [1955] : 275–278 fig.

Järvekülg, Ü. Kahjulikkude röövlindude hävrtamine. *Abiks Loodus., Tartu No. 9* 1953 : 1–39 11 pls.

Jeffrey, B. and Wallace, D. I. M. Communal display of Pied Wagtails. *Brit. Birds* **49** : 454–456 figs.

Jeffrey-Smith, M. Bird-watching at Windsor. *Nat. Hist. Notes* **7** 1955 : 36–38.

Jeffreys, M. D. W. The Muscovy Duck. *Niger. Fld.* **21** : 108–111.

Jenner, C. E. *see* Engles.

Jenning, W. The activities of the Ottenby Bird Station in 1955. (Ottenby Bird Station Report no. 21). [English summary]. *Vår Fågelv* **15** : 151–176 figs.

Jennings, A. R. and Soulsby, E. J. L. Diseases in wild birds, third report. *Bird Study* **3** : 270–272.

Jensen, B. *see* Ferdinand.

Jewett, S. G. and others. Birds of Washington State, Seattle (Univ. Washington Press) 1953 pp. xxxii + 768, frontis. col. 11 pls. col. text illust.

Johansen, H. Die Jenissej-Faunenscheide in Sibirien und ihr Durchbruch. *Int. orn. Congr.* **11** 1954 [1955] : 383–386.

Johansen, H. (1). Fortsatte resultater af ringmærkningerne i 1931–51 og 1931–52. (Zoologich Museum, København) Nr. 20–21. *Vidensk. Medd. dansk. naturh. Foren. Kbh.* **117** 1955 : 349–397.

Johansen, H. (2). Die Vogelfauna Westsibiriens III, 2 : *Striges*. *J. Orn.* **97** : 206–219.

Johnsgard, P. A. *see* Golley.

Johnson, J. C., Jr. Breeding of Cassin's Sparrow in Central Oklahoma. *Wilson Bull.* **68** : 75.

Johnson, N. K. Recent bird records for Nevada. *Condor* **58** : 449-452.

Johnson, R. A. The behaviour of birds attending Army Ant raids on Barro Colorado Island, Panama Canal Zone. *Proc. linn. Soc. N.Y.* Nos. 63-65 1954 : 41-70 76 figs.

Johnston, D. W. A preliminary study of subspecies of Savannah Sparrows at the Savannah River Plant, South Carolina. *Auk* **73** : 454-456.

Johnston, D. W. (1). The annual reproductive cycle of the California Gull. I. Criteria of age and the testis cycle. *Condor* **58** : 134-162 figs.

Johnston, D. W. (2). The annual reproductive cycle of the California Gull. II. Histology and female reproductive system. *Condor* **58** : 206-221.

Johnston, D. W. and Norris, R. A. Observations on Red Crossbills in Marin County, California. *Condor* **58** : 77.

Johnston, R. F. Population structure in salt marsh Song Sparrows. Part I. Environment and annual cycle. *Condor* **58** : 24-44 figs.

Johnston, R. F. (1). The incubation period of the Clapper Rail. *Condor* **58** : 166.

Johnston, R. F. (2). Population structure in saltmarsh Song Sparrows. Part II. Density, age structure, and maintenance. *Condor* **58** : 254-272.

Johnston, R. F. (3). Predation by Short-eared Owls on a salicornia salt marsh. *Wilson Bull.* **68** : 91-102 fig.

Jones, H. L. The appearance of *Acridotheres tristis* Linné, in northern Tasmania. *Rec. Q. Vict. Mus. N.S.* No. 4 1955 : 1-2.

Jones, N. G. B. Census of breeding Canada Geese 1953. *Bird Study* **3** : 153-170.

Jonvaux, A. E. Eiders au Bois de Boulogne. *Oiseau* **26** : 155.

Jopson, G. M. Breeding of the American Merganser in the Shenandoah Valley of Virginia. *Auk* **73** : 285.

Jordan, P. A. Piñon Jays west of the Sierra Nevada Divide in California. *Condor* **58** : 238.

Jouanin, C. Une capture méconnue de *Puffinus puffinus newelli* Henshaw. *Bull. Mus. Hist. nat. Paris* (2) **28** : 273-274.

Joudine, K. A propos du mécanisme fixant l'articulation du coude chez certains oiseaux (Tubinares). *Int. orn. Congr.* **11** 1954 [1955] : 279-283 figs.

Judd, W. W. Red-headed Woodpeckers (*Melanerpes erythrocephalus*) feeding on Carolina locusts. *Auk* **73** : 285.

Jumber, J. F. Roosting behaviour of the Starling in central Pennsylvania. *Auk* **73** : 411-426 figs.

Jung, K. Zum Standort der Nester bei mehreren Singvogelarten. *Beitr. Naturk. niedersachs.* **9** : 14-16.

Jung, K. Goldfliegen legen ihre Eier auf junge Singdrosseln ab. *Vogelwelt* **77** : 59.

Jung, K. and others. Kleine Beiträge. *Vogelwelt* **77** : 87-91.

Junge, G. C. A. Waarnemingen van broedvogels en trekvogels in 1954. *Ardea* **43** 1955 : 248-260.

Junge, G. C. A. (1). On *Cuculus canoroides* S. Müller. *Auk* **73** : 555-556.

Junge, G. C. A. (2). New bird records from Biak Island. *Zool. Meded.* **34** : 231-237.

Junge, G. C. A. and Taapken, J. Resultaten van het ringonderzoek betreffende de vogeltrek, ingesteld door het Rijksmuseum van Natuurlijke Historie te Leiden, XLI (1954) 1. *Limosa* **29** : 66-95.

Junge, G. C. A. and Voous, K. H. The distribution and the relationship of *Sterna eurygnatha* Saunders. *Ardea* **43** 1955 : 226-248 4 pls. figs.

Jungfer, W. *see* Goethe.

Jurán, V. White Stork's strange nest-building : 434. Raven's spreading in Slovakia : 444. *Aquila* **59-62** 1955.

Jusue, P. de. El *Trichodroma* en los Picos de Europa. *Ardeola* **3** : 53-57.

Jyoti, D. *see* George.

Kada, I. *Gelochelidon nilotica*—Gull-billed Tern—in Southern Trans-Danubia. *Aquila* **55-58** 1948-51 : 271.

Kadochnikov, N. P. On the attraction of the Cuckoo (*Cuculus canorus* L.) to the pine-plantations in the Balashov district. *Zool. Zh.* **35** : 1223. Summaries : 12.

Kahmann, H. and Brotzler, A. Die Ernährung der Schleiereule (*Tyto alba*) und das Bild der Verbreitung kleiner Säugetiere auf der Insel Korsika. *Biol. Zbl.* **75** : 67-83 6 figs.

Kalela, O. Die neuzeitliche Ausbreitung des Kiebitzes, *Vanellus vanellus* (L.) in Finnland. *Ann. zool. Soc. zool.-bot. Vanamo* **16** No. 11 1955 : 1-80 16 figs. [English summary].

Kam, J. van de. Twee gevlengelde heersers van onze bossen. *Levende Nat.* **59** : 97-105 8 figs.

[Karasev, M. A.] Nesting of the restart in the house]. *Priroda* **12** 1955 : 116-117. [In Russian].

[Kartashev, N. N.] The results obtained from ringing Alcidae in Russia]. *Trud. Biol. ring. Bur.* **8** 1955 : 33-45. [In Russian].

Kasparyan, A. A preliminary systematic list of the birds of Turkey. *Rev. Fac. Sci. Univ. Istanbul* **21B** : 27-48.

Kast, A. Die spontanen Geschwülste der Vögel. Ein Beitrag zur vergleichenden Onkologie. *Wiss. Z. Humboldt Univ. Math.-Nat. R.* **5** 1 : 29-64 2 figs. [English summary].

Kate, C. G. B. ten. Ornithologie van Nederland, 1954—II en 1955. *Limosa* **29** : 39-66 4 figs.

Kate, C. G. B. ten. The breeding-birds of "Ostelijk Flevoland", 1955. [English summary]. *Limosa* **28** : 112-126 figs.

Kate, C. G. B. ten. Nest, containing 2 eggs of the Ringed Plover and 1 of the Little Ringed Plover. *Limosa* **28** : 139.

Kate, C. G. B. ten. First record of summering of Caspian Terns (*Hydroprogne caspia*) in the Netherlands. [Summary]. *Limosa* **29** : 140-143.

Kate, C. G. B. ten. Common Tern brooding two own eggs and one of an

Oystercatcher. [Summary]. *Limosa* **29** : 148.

Kattinger, E. Bemerkungen über Vögel aus Franken in der Sammlung des Zoologischen Instituts der Universität Erlangen. *Anz. Orn. Ges. Bayern* **4** 3 1954 : 133-138.

Kaufman, L. Experiments on sex modification in cocks during their embryonal development. *Ann. Univ. M. Curie-Skłodowsky Sect. E* **9** 2 1954 : 25-60 2 pls.

Keast, A. Variation in the genus *Megalurus*. *Proc. R. zool. Soc. N.S.W.* **1954-55** 1956 : 25-28.

Keast, A. (1). Variation in the Australian Oriolidae. *Proc. R. zool. Soc. N.S.W.* **1954-55** 1956 : 19-25.

Keast, A. (2). Migration in Australian birds : 59-65 figs. "Caroline", the fluttering Shearwater, comes ashore 75-77 3 figs. *Aust. Mus. Mag.* **12**.

Keller, O. *Branta leucopsis*—Barnacle Goose—near Keszthely. *Aquila* **55-58** 1948-51 : 276.

Kellogg, P. P. Some comments on scientific collecting. *Kingbird* **6** : 38-39.

Kelly, D. F. *see* King.

Kelly, J. W. Prolonged incubation by an Anna Hummingbird. *Condor* **58** : 163.

Kemný, L. Výskyt pozoruhodnější ornitofauny na Ostravska v letech 1951-54. *Příř. Sborn. Ostrav. Kraje* **16** 4 1955 : 541-549.

Kenaga, E. E. The protection of Michigan's wildlife as regulated by current state and federal laws. *Jack-Pine Warbler* **34** : 94-102.

Kendeigh, S. C. A trail census of birds at Itasca State Park, Minnesota. *Flicker, Minnesota* **28** : 90-104 figs.

Kendeigh, S. C., Kramer, T. C. and Hamerstrom, F. Variations in egg characteristics of the House Wren. *Auk* **73** : 42-65.

[Kennedy, R. B.] Rep. Whitgift Sch. Selborne Soc. No. 4 1955.

Kenyon, R. F. and O'Connor, L. Duck nesting at Coode Island near Melbourne. *Emu* **56** : 157-161 2 pls.

Kepka, O. Der Graureiher (*Ardea cinerea*) als Brutvogel in der Steiermark. *Orn. Mitt.* **8** : 111.

Kereső, F. Migrating cranes—*Grus grus*—in the county of Békés : 268. *Falco ch. cherrug* Gray—Saker Falcon—breeding in the county of Békés : 283. *Aquila* **55-58** 1948-51.

Kern, J. *see* Friedmann.

Kesteloot, E. Over de schommelingen in onze avifauna toe te schrijven aan biotoopwijzigingen en stadsuitbreiding. *Gerfaut* **46** : 75.

Keve, A. Report on the bird-banding in Hungary (1933-1950) : 89-107. The races of *Charadrius hiaticula* L. occurring in Hungary : 131-132. *Larus melanocephalus* Temm.—Mediterranean Black-headed Gull—on Lake Balaton again : 270-271. *Aquila* **55-58** 1948-51.

Keve, A. (1). Unusual visitors on the bird-reservation, "Kisbalaton" in the years 1949-51 : 272-273. Breeding and migration of Black Stork—*Ciconia nigra* L.—in the county of Somogy : 280 *Aquila* **55-58** 1948-51.

Keve, A. (2). Peculiar nesting of *Falco ch. cherrug* Gray—Saker Falcon—on Kisbalaton : 283-284. Increase of *Dryobates syriacus balcanicus* Gengl. & Stres.—Syrian Woodpecker—in Trans-Danubia : 289-290. Disaster of Swallows on Lake Balaton in 1949 : 298-299. *Aquila* **55-58** 1948-51.

Keve, A. (3). Die Conchylien—Aufnahme der Vögel. *Aquila* **59-62** 1955 : 79.

Keve, A. (4). Records of birds ringed abroad and found in Hungary. XVIIIth Report on ringing. *Aquila* **59-62** 1955 : 284.

Keve, A. (5). Expansion of the Syrian Woodpecker in Europe. *Aquila* **59-62** 1955 : 306.

Keve, A. (6). The Hungarian specimen of the Sociable Plover and the fate of other unique species : 432. Uncommon visitors round the Lake Balaton, 1952-54 : 439. Red-breasted Flycatcher near Keszthely : 447. Ornithological notes from the "puszta of Kunkápolnás in the Hortobágy. *Aquila* **59-62** 1955 : 461.

Keve, A. and Pátkai, I. "Larger Gulls" of Hungary and the Basin of the Carpathians. *Aquila* **59-62** 1955 : 326.

Keve, A. and Szijj, J. *Emberiza schoeniclus intermedia* Degl.—Dalmatian

Reed-Bunting in Hungary. *Aquila* **55-58** 1948-51 : 297-298.

Keve, A. *see* Horváth.

[**Khaumamedov, A. I.** The Biology of *Alectoris graeca* in Azerbaidzhan]. *Trud. zool. Inst. azerbaidzh* : *Fil. Akad. Nauk SSSR* **18** 1955 : 177-188 11 figs. [In Russian].

Kilham, L. Notes on courtship behaviour of wild and tame Blue Jays. *Auk* **73** : 128.

Kilham, L. (1). Winter feeding on sap by Sapsucker. *Auk* **73** : 451.

Kilham, L. (2). Breeding and other habits of casqued Hornbills (*Bycanistes subcylindricus*). *Smithson. misc. Coll.* **131** 9 : 1-45 6 pls. figs.

Kimmins, D. E. Bee-eaters in Sussex, 1955 ; a first British breeding record. *Country-Side N.S.* **17** 8 1955 : 315-318.

Kincaid, E. and Prasil, R. Cave Swallow colony in New Mexico. *Condor* **58** : 452.

King, A. S. The structure and function of the respiratory pathways of *Gallus domesticus*. *Vet. Rec.* **68** : 544 (?) figs.

King, A. S. and Kelly, D. F. The aerated bones of *Gallus domesticus* : the fifth thoracic vertebra and sternal ribs. *Brit. Vet. J.* **112** : 279-283.

King, B. Swallow feeding in sandhoppers. *Brit. Birds* **49** : 502.

King, B. and Poulding, R. H. Shelduck breeding inland in Somerset. *Brit. Birds* **49** : 280.

King, F. Green-winged Teal in Co. Kerry. *Brit. Birds* **49** : 226.

King, J. E. Some observations on the sea birds of the central Pacific. *Proc. Hawaii Acad. Sci.* No. 30 1955 : 8. [Abstract].

Kingsbury, J. W. and others. The development of the liver in the chick. *Anat. Rec.* **124** : 165-188 2 pls.

Kipp, F. A. Voraussetzungen und Folgeerscheinungen der Fernwanderungen bei Zugvögeln. *Int. orn. Congr.* **11** 1954 [1955] : 643-648.

Kipp, F. A. (1). Progressive Merkmale des Jugendkleides bei den Spechten. *J. Orn.* **97** : 403-410 fig.

Kipp, F. A. (2). Die Gattung *Coturnix*—eine Invasionsvogel-Gruppe. Vogelwarte 18 : 160–164.

Király, I. Whooper-Swan [and] Booted Eagle in the Hanyás (Western Hungary) : 436, 437. Wall-Creeper's occurrence in the vicinity of Sopron. Aquila 59–62 1955 : 446.

Kirchner, H. Zur Ökologie und Brutbiologie des Bruchwasserläufers (*Tringa glareola*) in Schleswig-Holstein. J. Orn. 97 : 21–30 figs.

Kirchner, H. (1). Einzelner Strandläufer sucht Anschluss beim Menschen. J. Orn. 97 : 93.

Kiss, J. Birds' unusual nesting-sites. Aquila 59–62 1955 : 454.

Kist, J. Het voorkomen van de rassen van de Rietgans, *Anser fabalis* in Nederland. [English summary]. Ardea 44 : 188–206.

Kist, J. (1). De waarneming van de Ijslandse Brilduiker, *Bucephala islandica* (Gm.), in Nederland. Ardea 44 : 241–243.

Kist, J. (3) [and **Sluiters, J. E.**] *Tryngites subruficollis*, new to the Dutch list. [English summary]. Limosa 28 1955 : 61–68.

Kist, J. (4). De Siberische Taling, *Anas formosa* Georgi, dwaalgast voor Nederland. Limosa 29 : 137–140.

Klaiber, B. El estudio de la migración de las aves. Problemas y resultados. Bol. Soc. esp. Hist. nat. 50 2 Biol. 1952 : 215–238 11 figs.

Kleinschmidt, O. Die Kolibris. Wittenberg/Lutherstadt (A. Ziemsen Verlag) 1949 40 pp. 14 illustr. 2 col. pls. (Neue Brehm-Bücherei Heft 1).

[**Klimenko, M. I.** Migrations of Lariformes in the South of Ukraine] Ornith. Conf. Riga 1951 1953 : 117–125. [In Russian].

Klinz, E. Die Wildtauben Mitteleuropas. Wittenberg/Lutherstadt (A. Ziemsen Verlag) 1955 48 pp. 20 illustr. (Neue Brehm-Bücherei Heft 166).

Klomp, K. The altitude of chaffinch migration. Ardea 44 : 235–239 fig.

Klopfer, P. H. Goose-behaviour by a White Leghorn chick. Wilson Bull. 68 : 68.

Knippenberg, W. H. T. Eingeboordvogels in Noord-Brabant. Oeverwaluw en de Nachtzwaluw. Limosa 29 : 95–99.

Kobayashi, K. Birds of Japan in natural colours, Hoikusha, Osaka, 1956, pp. X + 204, 64 pls. col. text illust.

Kobayashi, K. (1). The Lanceolated Warbler : 28–31. The Golden Mountain Thrush : 48–50. Oolog. Rec. 30.

Kobayashi, K. (2). New record of *Egretta eulophotes*. White-winged Black Tern collected in Osaka Bay. Tori 14 No. 67 : 28–30.

Koch, G. Fressen die Elstern (*Pica pica*) Schafwolle ? Orn. Mitt. 8 : 31.

Koecke, H. U. Untersuchungen zur Entwicklungsphysiologie experimentell erzeugter Federdoppelbildungen. Roux Arch. Entw. Mech. Org. 148 : 569–588 11 figs.

Koehler, O. "Zählende" Vögel und vergleichende Verhaltensforschung. Int. orn. Congr. 11 1954 [1955] : 588–598.

Koenig, L. Zum Vorkommen einiger Spinte zwischen Tessalit und Niamey (Französisch Westafrika). J. Orn. 97 : 384–402 figs.

Koepcke, M. Corte ecologico transversal en los Andes del Peru Central con especial consideracion de la aves. Rev. Cienc., Lima 56 487–490 1954 : 45–161 20 figs.

Koepcke, M. (1). *Zaratornis stresemanni*, ein neuer Cotingide aus Peru. Int. orn. Congr. 11 1954 [1955] : 329–332 figs.

Koffán, K. Photographic studies of some less familiar birds. LXXI. Rock Thrush. Brit. Birds 49 : 268–271 8 pls.

Koffán, K. (1). *Cuculus c. canorus*—Cuckoo—in Wood-lark's nest : 290–291. Preliminary report on my studies of *Lullula a. arborea*—Wood-lark : 292. Preying instinct of *Lanius c. collurio* L. Red-backed Shrike : 295 Aquila 55–58 1948–51.

Kohl, I. Expansion of *Dryobates syriacus balcanicus* Gengl. & Stres.—Syrian Woodpecker—and *Streptopelia d. decaocto* Friv.—Indian Ring-Dove—in Roumania. Aquila 55–58 1948–51 : 274–275.

Kohl, I. (1). Increase in young storks in 1954 on the Hungarian Autonome Territory in Rumania: 435. Data in the Serin's distribution in Rumania. *Aquila* **59-62** 1955 : 450.

König, D. Beobachtungen an der Lachseeschwalbe, *Gelocheledon nilotica* (Gmelin), nach der Brutzeit. *Orn. Mitt.* **8** 1956 : 143-147 figs.

König, D. (1). Horstbäume des Habichts (*Accipiter gentilis*). *Orn. Mitt.* **8** : 183-184.

König, D. (2). Der Alpenstrandläufer (*Calidris alpina schinzii* (Br.)) als Brutvogel an der schleswig-holsteinischen Westküste. *Vogelwelt* **77** : 108-114 pl. figs.

König, D. (3). Buchfink als Einzelübernächter in kalten Winternächten. *Vogelwarte* **18** : 223-224.

Koning, A. L. Histochemical localization of certain constituents of the developing juvenile wing feathers. *Iowa St. Coll. J. Sci.* **30** : 397-398.

Konok, I. *Bubo b. bubo* L.—Eagle Owl—breeding in the district of Budapest : 284-285. *Cuculus c. canorus* L.—Cuckoo—in Magpie's nest : 290. Birds being destroyed by slugs : 310. *Aquila* **55-58** 1948-51.

Köpke, G. Beobachtungen seltener Vogelarten in Südniedersachsen. *Orn. Mitt.* **8** : 167-168.

[Korepanova-Kopilovska, E. Y.] Experimental data about the succession of the acquired characters in domestic fowl]. *Trud. Inst. genet.* **21** 1954 : 226-233. [In Russian].

Koridon, J. A. F. De proeven met Kunstmatige nestgelegenheden voor de Baardmees (*Panurus biarmicus*) in het Zwartemeerreservaat in 1955. *Limosa* **29** : 100.

Koridon, J. A. F. (1). Het Zwarte Meer vogelringseizoen 1955. *Levende Nat.* **59** : 88-94 3 figs.

Korompai, V. Bird-protection in a wood in South-eastern Hungary [in Hungarian]. *Aquila* **59-62** 1955 : 95.

Koronky, I. Rare winter visitors in the surroundings of Sopron. *Aquila* **59-62** 1955 : 436.

Koskimies, J. Juvenile mortality and population balance in the Velvet Scoter (*Melanitta fusca*) in maritime

conditions. *Int. orn. Congr.* **11** 1954 [1955] : 476-479.

Koskimies, J. (1). Ultimate causes of cyclic fluctuations in numbers in animal populations. *Pap. Game Res., Helsingf.* No. 15 1955 : 1-29.

Koskimies, J. (2). Zur Charakteristik und Geschichte der nistökologischen Divergenz beim Mauersegler in Nordeuropa. *Ornis fenn.* **33** : 77-96 figs.

Koskimies, J. (3). The sun arc hypothesis of bird navigation [in Finnish]. *Orn. Fenn.* **33** : 108-111.

Kossack, C. W. An egg-bound Mourning Dove. *Auk* **73** : 129.

Kövér, B. Ornithological news from the "Hortobágy". *Aquila* **55-58** 1948-51 : 308.

Kowalski, S. La Locustelle luscinioïde en Loire-Inférieure. *Alauda* **24** : 145.

Kowalski, S. (1). La Fauvette pitchou à l'île d'Ouessant. *Oiseau* **26** : 69-70 pl.

[Kozlova, E. V.] Desert plovers of Asia and their true history]. *Trav. Inst. zool. Acad. Sci. U.R.S.S.* **21** 1955 : 419-424 2 figs. [In Russian].

Kozlova, E. V. On the evolution of seasonal plumages in the Ruff. [Summary]. *Zool. Zh.* **35** : 1908-1910 4 figs.

Kraak, W. K. Frederik II van Hohenstaufen als ornithology (1194-1250). *Limosa* **28** : 19-38 5 figs., 71-96 4 figs.

Krabbe, K. H. Studies on the morphogenesis of the brain in *Struthio camelus* L. (Morphogenesis of the vertebrate brain VI). Copenhagen (Ejnar Munksgaard) pp. 33 11 pls.

Kramer, G. Die Sonnenorientierung der Vögel. *Int. orn. Congr.* **11** 1954 [1955] : 178.

Kramer, G., Pratt, J. G. and St. Paul, U. von. Directional differences in pigeon homing. *Science* **123** : 329-330 1 fig.

Kramer, G. and St. Paul, U. v. Weitere Erfahrungen über den "Wintereffekt" beim Heimfindevermögen von Brieftauben : 353-370. Über das Heimfinden von Käfigtauben über Kurzstrecken : 371-376. *J. Orn.* **97**.

Kramer, V. Habicht und Sperber. Wittenberg Lutherstadt (A. Ziemsen Verlag) 1955 100 pp. 36 illustr. 20 tables. (Neue Brehm-Bücherei Heft 158).

Krampitz, H. E. Die Brutvögel Siziliens. J. Orn. **97** : 310–334.

Kraus, M. and Lischka, W. Zum Vorkommen der *Porzana*-Arten im fränkischen Weihergebiet. J. Orn. **97** : 190–201 6 figs.

Krause, H. and Froiland, S. G. Distribution of the Cardinal in South Dakota. Wilson Bull. **68** : 111–117 fig.

Kretzoi, M. Ostrich-remains from Western-Hungary. Aquila **59–62** 1955: 365.

Kretzoi, M. (1). *Pliogallus* Gaillard 1939 and *Pliogallus* Tugarinow 1940. Aquila **59–62** 1955 : 367.

Kretzoi, M. and Varrók, S. Data to the zoogeographic importance of the Barn-Owl's food-habits. Aquila **59–62** 1955 : 451.

Kristensen, I. Grote jager met roofvogel-allures. Levende Nat. **59** : 33–34.

Krug, H. H. Great Black-backed Gulls nesting on Little Haystack Island, Lake Huron. Auk **73** : 559.

Krumschmidt, E. Postnatale Wachstumsgradienten von Hirnteilen bei Haushuhnrasen unterschiedlicher Körpergröße. Z. Morph. Ökol. Tiere **45** : 113–145 20 figs.

Kuhk, R. Hagelunwetter als Verlustursache bei Störchen und anderen Vögeln. Vogelwarte **18** : 180–182 fig.

Kuhk, R. and Schüz, E. Zehn Jahre Vogelwarte Radolfzell—Rossitten der Max-Planck-Gesellschaft. Vogelwarte **18** : 214–222 figs.

Kühlhorn, F. Gartenrotschwanz brütet in einem alten Rauchschwalbennest. Vogelwelt **77** : 158.

Kuhlman, F. see Orians.

Kuhlmann, H. Bestand der letzten Weissstörche in Westfalen. Orn. Mitt. **8** : 74.

Kuhn, O. Die Farbungsmuster der Vögel, ihre morphologischen Grundlagen und entwicklungsphysiologischen Probleme. Biol. Zbl. **75** : 52–67 10 figs.

Kullenberg, B. On the migration of palaearctic birds across the Central and Western Sahara. Ark. Zool. **9** : 305–328 5 pl. 7 maps.

Kumari, E. Zur Nistökologie des Eisvogels, *Alcedo atthis ispida* L., am Ahja-Flues. Ann. Soc. Nat. Univ. Tartu **45** 1–4 1940 : 100–194 8 pls.

Kumari, E. (1). Vainukäo pesitus-bioloogiasit tema sissetungil Kesk-Põlvamaale. Ann. Soc. Nat. Univ. Tartu **47** 1–2 1941 : 7–27 8 figs.

Kumari, E. (2). Turteltuvi Räpinas. Loodus. Seltsi Juubel. 1853–1953, Tallinn 1953 : 447–448.

Kumari, E. (3). Russowi ja E. Middendorffi ornitoloogilise tegevusest ja nende tähtsusest Baltimaade linnustiku uurijataua. Loodus. Seltsi Aast. **48** 1955 : 47–58.

Kumari, E. (4). Juhend lindude rände uurimiseks. Abiks Loodus., Tartu No. 18 1955 : 1–28.

Kumari, E. V. Results of the coordinated observations on the bird migrations in the Baltic Republics in autumn 1954. Zool. Zh. **35** : 1214 fig. Summaries : 11.

[**Kumari, E. V.** Migration and hibernation of birds in Estland republic and the method of their investigation]. Ornith. Conf. Riga 1951 1953 : 43–55 5 figs. [In Russian].

Kumerlovee, H. Das Urogenitalsystem (Nieren und Geschlechtsapparat) der Vögel. Veröff. naturw. Ver. Osnabrück **27** 1955 : 86–101 12 pls.

Kumerlovee, H. (1). Sperlingsbekämpfung in Bayern zur Zeit Maximilian Josephs (18 Jh.). Anz. Orn. Ges. Bayern **4** 5 1955 : 371–373.

Kumerlovee, H. (2). Zwei bemerkenswerte bayrische Beizjagdur-Kunden aus dem 16. Jahrhundert. Niederjagd und Vogelschutz in Bayern im 17./18. Jahrhundert. Lokale oder allgemeine Bestands-Steigerung beim Augensteinhähnchen im Frühjahr/Sommer 1955 ? Anz. Orn. Ges. Bayern **4** : 457–462.

Kumerlovee, H. (3). Bemerkungen zu "Vogelkundliche Notizen aus dem Raume Osnabrück". Orn. Mitt. **8** : 97.

Kumerloeve, H. (4). Überwinternde Zwergrohrdommel, *Ixobrychus minutus* (L.), an der rumänischen Schwarzmeerküste. Orn. Mitt. **8** : 134.

Kumerloeve, H. (5). Stare in Uferschwalbenröhren. Vogelwelt **77** : 29.

Kumerloeve, H. (6). Türken- tauben (*Streptopelia decaocto*) im Regierungsbezirk Osnabrück. Der Schwarze Milan als Wintergast in Bulgarien. Vogelwelt **77** : 58-59.

Kumerloeve, H. and Klamma, G. Limose und Wiesel, Silbermöwe und Kaninchen. Orn. Mitt. **8** : 35.

Kurado, N. Field studies on the Grey Starling, *Sturnus cineraceus* Temminck. I (continued). Misc. Rep. Yamashina Inst. Orn. Zool. No. **8** : 8-18 fig.

Kuroda, N. Miscellaneous notes on Anatidae published since 1938 (2) : 1-14. Some bird specimens in Kushi Museum : 34. Tori **14** no. 67.

Kuroda, N. Observations and experiments on carrier pigeon. I and II. Zool. Mag., Tokyo **65** : 17-21, 22-26.

[**Kushner, M. F.** Importance of the conditions for evolution of the fowl progeny]. Trud. Inst. genet. Leningrad. **22** 1955 : 17-82 figs. [In Russian].

[**Kushner, H. F. and Kitaeva, O. N.** Experimental study on species of inter-bred fowl.] Trud. Inst. genet. **21** 1954 : 206-225 5 figs. [In Russian].

Kux, Z. and Hudec, K. Der Durchzug der Enten (Anatinae) auf den südmährischen und schlesischen Teichen. [German summary]. Čas. Moravsk. Mus. Sci. nat. **41** : 113-138.

Kux, Z., Svoboda, S. and Hudec, K. Verzeichnis der Avifauna Mährens. [German summary]. Čas. Moravsk. Mus. **40** 1955 : 156-219 10 pls.

Laasimer, J. see Masing.

Labarthe, W. A northern nesting station for the White-tailed Kite. Condor **58** : 238.

Labitte, A. Quelques cas de nidification intéressants dans la région des étangs du Der. Oiseau **26** : 24-30.

Labitte, A. (1). Quelques notes complémentaires sur la reproduction de l'Outarde canepetière, *Otis tetrax*. Oiseau **26** : 67.

Labitte, A. (2). La reproduction du Héron pourpré *Ardea purpurea* L. dans les départements de l'Aube et de la Marne en 1955. Alauda **24** : 70.

Labitte, A. (3). Notes sur deux Strigides d'Eure-et-Loir. Oiseau **26** : 139-151.

Labitte, A. (4). Notes sur le Pigeon ramier *Columba palumbus* L. en Eure-et-Loir. Oiseau **26** : 194-203.

Lachner, R. Schwanzmeise als Koloniebrüter ? Vogelwelt **77** : 29.

Lack, D. Visible migration through the Pyrenees. Int. orn. Congr. **11** : 1954 [1955] : 176-178.

Lack, D. (1). Swifts in a tower, London (Methuen & Co.) 1956, pp. 239 19 pls. [on 10] 24 figs.

Lack, D. (2). Variations in the reproductive rate of birds. Proc. roy. Soc. **145B** : 329-333.

Lack, D. (3). A review of the genera and nesting habits of Swifts. Auk **73** : 1-32.

Lack, D. (4). The species of *Apus*. Ibis **98** : 34-62.

Lack, D. (5). Further notes on the breeding biology of the Swift *Apus apus*. Ibis **98** : 606-619.

Lack, D. (6). Spine-tailed Swifts of the Old World. Bull. Brit. orn. Cl. **76** : 72-73.

Lack D. (7). Seaward flights of Swifts at dusk. Bird Study **3** : 37-42.

Laferrère, M. L'Olyoppe *Clamator glandarius* (L.) dans les pinèdes de l'Estérel et de la côte Varoise. Observations dans le Var. Alauda **24** : 275-294.

Lagiglia, H. and Utgés, E. Aves de la Provincia de Mendoza. Rev. Cient. univ. Mus. Hist. nat. San Rafael **1** : 4.

Lahiri, R. K. A note on newly hatched chicks of the Slatybreasted Rail, *Rallus striatus* Linn. J. Bombay nat. Hist. Soc. **53** : 475.

Lake, F. B. "Broken" wing." Avicult. Mag. **62** : 200-201 fig.

Lake, P. E. and Wood-Gush, D. G. M. Diurnal rhythms in semen yields and mating behaviour in the domestic cock. *Nature, Lond.* **178** : 853.

Lamm, D. W. Mourning Dove and Dickcissel on the Atlantic Ocean. *Auk* **73** : 290.

Lamore, D. Sparrow Hawk preys upon American Robin. *Wilson Bull.* **68** : 154.

Landauer, W. Rudimentation and duplication of radius, etc. Cyclopia and related defects as a lethal mutation. *J. Genet.* **54** : 199-235 pls.

Landauer, W. (1). Hereditary and induced cross-beak of fowl. Experiments with ethyl carbamate : 25-38. The teratogenic activity of pilocarpine, pilocarpidine and their isomers, with special reference to the importance of steric configuration : 39-50. Interaction of the creeper and duplicate mutations of fowl. Modifier effects on the abnormalities of the radius : 105-110. *J. exp. Zool.* **132**.

Lane, S. G. Some instances of nest-appropriation. *Emu* **56** : 99.

Lane, S. G. (1). Delay in egg-laying by the Brown Thornbill after completion of nest. *Emu* **56** : 229.

Lang, C. Das cranium der Ratiten mit besonderer Berücksichtigung von *Struthio camelus*. *Z. wiss. Zool.* **159** : 165-224 16 figs.

Langelott, N. Siedlungsdichte des Schwarzspechtes (*Dryocopus martius*). *Vogelwelt* **77** : 18-21.

Lanyon, W. E. Territory in the Meadowlarks, genus *Sturnella*. *Ibis* **98** : 485-489.

[Larionov, V. F.] The annual fluctuations in the breeding rates of *Anas platyrhynchos*. *Zool. Zh.* **35** : 89-95. [In Russian].

[Larionov, V. F. (1).] Geographical variation in breeding of *Anas platyrhynchos*. *Ornith. Conf. Riga 1951* 1953 : 155-171 8 figs. [In Russian].

Larner, R. M. *see* Chettleburg.

Larsen, A. *see* Ferdinand.

Larson, C. Roger Tory Peterson twentieth-century Audubon. *Nat. Hist. N.Y.* **65** : 252-256, 280 figs.

Laskey, A. R. Bird casualties at Smyrna and Nashville Ceilometers, 1955. First specimen of Sharp-tailed Sparrow for Tennessee. *Migrant Tennessee* **27** : 9-10, 13.

Laskey, A. R. (1). Loggerhead Shrike nesting data at Nashville. *Migrant, Tennessee* **27** : 35-37.

Laubmann, A. Bemerkung zur Nomenklatur der Gattung *Serinus* Koch 1816. *Anz. Orn. Ges. Bayern* **4** 1954 : 132-133.

Laughlin, R. M. Unusual behavior of a Pied-billed Grebe. *Auk* **73** : 134.

Lavkumar, K. S. A contribution to the ornithology of Garhwal. *J. Bombay nat. Hist. Soc.* **53** : 315-329 2 pls. map.

Law, S. C. Himalayan birdlife. *J. Bengal nat. Hist. Soc.* **28** : 98-101.

Lawrence, L. K. An interesting displacement movement in a Slate-colored Junco. The following reaction in a brood of Mute Swans. *Auk* **73** : 267-268.

Lawrie, A. H. *see* Mowat.

Leach, E. P. British recoveries of birds ringed abroad. *Brit. Birds* **49** : 438-452.

Learmonth, N. F. New Victorian sea bird : 210. A second Grey-mantled Albatross : 222-223. *Emu* **56**.

Leathers, C. L. Incubating American Robin repels female Brown-headed Cowbird. *Wilson Bull.* **68** : 68.

Lebeurier, E. A propos de la Litorne *Turdus pilaris*. *Oiseau* **26** : 156.

Lebeurier, E. (1). Le Corbeau freux *Corvus frugilegus frugilegus* L. dans le Finistère. *Oiseau* **26** : 219-226 figs.

Lebret, T. Bergeenden, *Tadorna tadorna* (L.), in Vleugebrui in de mondij van de Westerschelde. [English summary]. *Ardea* **44** : 213-217.

Leclercq, A. Les oiseaux nicheurs du sud du Brabant wallon (addendum). *Geraft* **46** : 297-299.

Lees, J. Cuckoo in East Ross in winter. Wryneck in East Ross. *Scot. Nat.* **68** : 118-119.

Legg, K. A sea-cave nest of the Black Swift. *Condor* **58** : 183-187 figs.

Legg, K. and Pitelka, A. Ecological overlap of Allen and Anna Hummingbirds nesting in Santa Cruz, California. *Condor* **58** : 393-405 figs.

Lehmann, E. v. Ornithologisches aus dem Erzgebirge vor 300 Jahren. *Anz. Orn. Ges. Bayern* **4** : 453-457.

Lehmann, W. Berghänfling (*Carduelis flavirostris*) im Harz. *Orn. Mitt.* **8** : 116.

Lemieux, L. Taxonomie des oies blanches. *Nat. Canad.* **83** : 61-65 1 fig.

Leroy, P. Croissance dysharmonique de la crête du Coq domestique maintenu à l'obscurité. *C.R. Acad. Sci. Paris* **243** : 210-212.

Lévêque, R. Au nid du Merle bleu. *Nos Oiseaux* **23** : 179-180 fig.

Lévêque, R. (2). Une colonie de Sternes hansel en Camargue. *Nos Oiseaux* **23** : 233-246 2 pls. figs.

Lévêque, R. (3). Nidification du Hibon Moyen-Duc en Camargue. *Oiseau* **26** : 155.

Lévêque, R. (4). Nidification dans les eaux Saumâtres de Camargue en 1955. *Terre et la Vie* **102** 1955 : 321-326.

[**Levitzi, P. F.** *Dryocopus martius* in Ukraine]. *Zool. Zh.* **34** 6 1955 : 1438-1439. [In Russian].

Lewis, H. F. Adventures for bird-watchers in Nova Scotia. *Audubon Mag.* **58** : 10-13 figs.

Liechtenstein, J. Avifauna Liechtensteiniana (Kurzer Überblick). *Int. orn. Congr.* **11** 1954 [1955] : 387-393.

[**Likhachev, G. N.** *Muscicapa hypoleuca* and its connection with the nesting area]. *Trud. Bird ring. Bur.* **8** 1955 : 123-156 12 figs. [In Russian].

Lincoln, C. W. Tree Swallows playing with a feather. *Wilson Bull.* **68** : 156.

Lind, H. The movements of geese at Tipperne, W. Jutland. [English summary]. *Dansk orn. Foren. Tidsskr.* **50** : 90-124 figs.

Lindahl, P. and Marcström, V. On the body temperature of *Tetrao urogallus* Lin. at hatching, and its immediately following drop. *Acta zool., Stockh.* **37** : 43-52 figs.

Lindenthaler, A. Ornithologische Anregungen und Beringungsergebnisse der letzten Jahre. *Mitt. naturw. Arbeitsgem.* **5-6** : Zool. 64-66.

Lindgren, E. Bird notes on Lion Island, Esperance. *W. Aust. Nat.* **5** : 97-101 2 figs.

Lindroth, A. Mergansers as salmon and trout predators in the River Indalsälven. *Rep. Inst. Freshwater Res. Drottningholm* **36** 1955 : 126-132.

Lint, A. Kuldnokkade siigissuviseist ja siigiseest päevariitmist Haapsalus. *Loodus. Seltsi Aast.* **48** 1955 : 215-225.

Lint, K. C. Breeding of the Horned Screamer. *Avicult. Mag.* **62** : 127-128 pl.

Lintia, D. Neuerliche Beiträge zur Vogelfauna von Rumänien. *Bul. Soc. Nat. Român. No. 14* 1939 : 20-27 pl.

Lintia, D. (1). Păsarile din R.P.R. Vol. 2 Bukarest (*Acad. Rep. Pop. Romine*) 1954 pp. 298 68 pls. col.

Lintia, D. (2). *Branta ruficollis* Pall.—Red-breasted Goose—in Bánát : 276. *Gypaetus barbatus aureus* Hahl.—Bearded Vulture—in the Southern Carpathians : 280. *Aquila h. heliaca*—Imperial Eagle—breeding in Bánát : 281. *Aquila* **55-58** : 1948-51.

Lippens, L. Keeping waders in an aviary. *Avicult. Mag.* **62** : 1-4 pl.

Lippent, G. E. L. A summary of the 56th Christmas Bird Count in New York State. *Kingbird* **6** : 46-48.

Lischka, W. Klippenstrandläufer, *Calidris maritima* (Brünn.), in Franken beobachtet. *J. Orn.* **97** : 236.

Lischka, W. see Kraus.

Lisle, M. de. Sur une observation de *Balaeniceps rex*. *Oiseau* **26** : 1-3.

Lister, M. The bird watcher's reference book, London (Phoenix House Ltd.) 1956 pp. 256 16 pls. 23 figs.

Little, B. Bonaparte's Gull in Northumberland. *Brit. Birds* **49** : 324.

Lobko-Lobanovsky, M. I. On the biology of *Hyrundapus caudacutus caudacutus* Latham. [Summary]. *Zool. Zh.* **35** No. 10 : 1586-1587.

Lockie, J. D. Winter fighting in feeding flocks of Rooks, Jackdaws and Carrion Crows. *Bird Study* **3** : 180-190 fig.

Loetscher, F. W., Jr. Masked Duck and Jacana at Brownsville, Texas. *Auk* **73** : 291.

Löhrl, H. Beziehungen zwischen Halsband- und Trauerfliegenschnäpper (*Muscicapa albicollis* und *M. hypoleuca*) in demselben Brutgebiet. *Int. orn. Congr.* **11** 1954 [1955] : 333-336.

Löhrl, H. Der Star als Bruthöhlenkonkurrent. *Vogelwelt* **77** : 47-50 3 pls.

Lomont, H. Note sur la nidification d'*Apus melba* (L.) a Banyuls-sur-Mer : 122-123. Note sur la migration pré-nuptiale des oiseaux aux environs Banyuls : 123-127. *Vie et Milieu* **7**.

Løppenthin, B. Some isolated bird-populations and their possible origin. *Int. orn. Congr.* **11** 1954 [1955] : 394-398.

Løppenthin, B. (1). [Obituaries]. Halfdan Lange. Wilhelm Weibüll. Dansk orn. Foren. *Tidsskr.* **50** : 173-176 portraits.

Løppenthin, B. (2). Fortegnelse over Danmarks Fugle. Dansk orn. Foren. *Tidsskr.* **50** : 234-245.

Lord, E. A. R. The birds of the Murphy's Creek district, southern Queensland. *Emu* **56** : 100-128.

Lord, E. A. R. (1). Birds and caterpillars. *Emu* **56** : 163-164.

Lord, J. Editor. *W. Midl. Bird Rep.* No. 22 : 1-56.

Lord, J. and Ford, T. W. Brent Goose in Staffordshire. *Brit. Birds* **49** : 280.

Lord, R. D. An anomalous condition in the eye of some hawks. *Auk* **73** : 457.

Loudon, H. Lenkoran im Winter. *Aquila* **59-62** 1955 : 357.

Lowe, J. R. A fertile hybrid [Turtle × Barbary Dove]. *Avicult. Mag.* **62** : 4-5.

Lowe, V. Emus breeding in Victoria's mid-Murray area. *Emu* **56** : 135-136.

Lowe, V. T. The way of a dove. *Emu* **56** : 167-182.

[Lozovoï, D. I.] Peculiarities in feeding of jay and the mottled woodpecker. *Priroda* **12** 1955 : 117. [In Russian].

Lózy, F. Swans at Tápíószecső. *Aquila* **59-62** 1955 : 436.

Lubnow, E. Die Bindegewebspigmentierung des japanischen Seidenhuhns. *Verh. dtsh. zool. Ges.* **19** : 281-285 13 figs.

Lüders, L. Beringte Kernbeisser und Grünfinken kneifen ihre Ringe übereinander. *Orn. Mitt.* **8** : 153.

Lugitsch, R. *Chlidonias hybrida* im Leitha-Gebiet : 271. *Dryobates syriacus balcanicus*—Blutspecht—in Burgenland: 290. Überwinternde *Emberiza c. cia*—Zippammer—und *E. cirius*—Zaunammer : 297. Zur Ökologie des *Phylloscopus b. bonelli* Vieill.—Berglaub-sänger: 301-302. *Aquila* **55-58** 1948-51.

Lugitsch, R. (1). Whiskered Tern near the River Lajta : 441. Crag-Martin in Styria. *Aquila* **59-62** 1955 : 446.

Lukács, D. Recent data on the occurrence of Buffon's Skua in Hungary : 440. The Arctic Skua's recent occurrence in Hungary. *Aquila* **59-62** 1955 : 441.

Lund, H. M. K. The House Sparrow in north Norway, its history, methods of dispersal and notes on its life-habits [Summary]. *Dansk. orn. Foren. Tidsskr.* **50** : 67-75.

Lundevall, C. F. and Rosenberg, E. Some aspects of the behaviour and breeding biology of the Pallid Harrier (*Circus macrourus*). *Int. orn. Congr.* **11** 1954 [1955] : 599-603 figs.

Lundholm, L. Några ornitologiska observationer i Sydsvrige våren 1955. *Fauna och Flora* **51** : 44-48. [English summary].

Lundin, A. Uppsalatraktens råkolonier. *Fauna och Flora* **51** : 38-43 map.

Lundin, A. and Hansson, G. Counting Mute Swans (*Cygnus olor*) from the air during breeding-season. [English summary]. *Vår Fågelv.* **15** : 44-48 fig.

Lupient, M. Seasonal Report. Flicker, Minnesota **28** : 31-33.

Lysaght, A. A note on the Polynesian Black or Sooty Rail, *Porzana nigra* (Miller) 1784. Bull. Brit. orn. Cl. **76** : 97-98.

Lysaght, A. (1). Why did Sonnerat record the Kookaburra, *Dacelo gigas* (Boddaert) from New Guinea? Emu **56** : 224-225.

Lysaght, A. and Serventy, D. L. Some erroneous distribution records in Parkinson's Journal of a voyage to the South Seas, 1773. Emu **56** : 129-130.

Lysaght, A. see Cooper.

McAtee, W. L. A bibliographical bonanza. Auk **73** : 133.

McAtee, W. L. (1). In Memoriam : Theodore Sherman Palmer. Auk **73** : 367-377.

McAtee, W. L. (2). Folk names of New York birds. Kingbird **6** : 77-80.

McCann, C. Starlings (*Sturnus vulgaris*) in the role of pollinators. Notornis **7** : 59.

McCartan, L. and Simmons, K. E. L. Territory in the Great Crested Grebe *Podiceps cristatus* re-examined. Ibis **98** : 370-378 figs.

McClure, H. E. Waterfowl reaction to an earthquake. Auk **73** : 456.

McClure, H. E. Bird ringing : avocation and hobby. Malay, Nat. J. **10** 1955 : 57-62.

McDiarmid, A. Some diseases of free-living wild birds in Britain. Bull. Brit. orn. Cl. **76** : 145-150.

MacDonagh, E. J. Para una historia de la zoologia argentina : Edward Lear, ilustrador de aves argentinas. Cienc. e Invest. **12** : 152-157 2 figs.

Macdonald, J. D. A new species of lark from Kenya. Bull. Brit. orn. Cl. **76** : 70-72.

Macdonald-Tyler, H. Shelduck, *Tadorna tadorna*, in Magilligan sandhills. Irish Nats.' J. **12** : 108.

McEvey, A. The Song Thrush : additional notes. Emu **56** : 196-198.

McGeoch, J. A. see Chapman.

McGreal, R. D. and Farmer, D. S. Premigratory fast deposition in the Gambel White-crowned Sparrow : Some morphologic and chemical ob-

servations. Northw. Sci. **30** 1946 : 12-23 1 fig.

Macgregor, K. S. and others. Unusual nest-site of Hooded Crow. Brit. Birds **49** : 180.

McGillp, J. N. Notes on Cuckoos in South Australia. S. Aust. Orn. **22** : 9-12.

Machay, L. Occurrences of Golden Eagle. Aquila **55-58** 1948-51 : 281.

Machay, L. (1). Pelican near Enying. Aquila **59-62** 1955 : 433.

McIntyre, J. D. Hudsonian Curlews in fall migration at Cape Breton, N.S. Ontario Fld. Biol. no. 10 : 28.

McKenzie, H. R. Probable recent occurrences of Oriental Dotterel in New Zealand. Notornis **7** : 25-27.

Mackenzie, J. M. D. Tree-creepers using nest-boxes and other artificial nest-sites : 84-91 1 fig. Parasitism of bird nests by bumble bees : 114-115. Effect of myxomatosis on tit nests : 119-120. Perthshire Pied Flycatchers, 1955 : 123. Scot. Nat. **68**.

McKenzie, M. Birds attacking sparrow. Emu **56** : 164.

Mackworth-Praed, C. W. see Grant.

MacLeod, J. G. R. and Hallack, M. Some notes on the breeding of Klaas's Cuckoo. Ostrich **27** : 2-5 fig.

McMichael, D. F. and Whitley, G. P. The published writings of Tom Iredale with an index of his new scientific names. Aust. Zool. **12** : 211-250.

McNally, J. Pied Cormorant rookery Gippsland Lakes. Emu **56** : 93-94 pl.

Madoc, G. C. The birds observed during two short visits to the Aroa Islands. Bull. Raffles Mus. No. 27 : 150-154 2 pls.

Madoc, G. C. (1). Observations on two Malayan cuckoos. Malay. nat. J. **10** : 97-103 2 pls.

Madoc, G. C. (2). A further note on the Lesser Cuckoo. Malay. Nat. J. **10** : 134-138 1 pl.

Madoc, G. C. and Allen, F. G. H. Postscript to Pulau Perak. Malay. Nat. J. **10** : 131-133 pl.

Maebe, J. and Vloet, H. van der. Die Avifauna van het Verdrongen Land van Saafinge. *Gerfaut* **46** : 151-190 6 pls.

Maghraby, A. M. el and Perkins, E. J. Additions to the marine fauna of Whitstable. *Ann. Mag. nat. Hist.* (12) **9** : 481-496.

Magyar, J. Black Stork nesting near Lake Balaton. *Aquila* **55-58** 1948-51 : 279.

Mainardi, D. Affinità sierologica tra il Cardellius (*Carduelis carduelis* L.), il Lucarino (*Carduelis spinus* L.), il Fanello (*Carduelis cannabina* L.) (pres. dal s.c. B. Schreiber). *R.C. Ist. Lombardo. Cl. Sci. Mat. Nat.* **90** : 122-130 1 fig.

Makatsch, I. and Waurisch, S. Photographic studies of some less familiar birds. *LXX. Black Kite. Brit. Birds* **49** : 140 3 pls.

Makatsch, W. Verbreitungsgrenzen südosteuropäischer Vogelarten und ihre Veränderungen : 342. Beitrag zur Biologie des Weidensperlings. *Aquila* **59-62** 1955 : 347.

Makatsch, W. (1). Unser Kuckuck. Leipzig & Wittenberg/Lutherstadt (Geest & Portig and A. Ziemsen Verlag) 1950. Second edition 42 pp. 25 illustr. (Neue Brehm-Bücherei Heft 2).

Makatsch, W. (2). Der Vogel und seine Jungen. Leipzig (Geest & Portig) 1951 110 pp. 59 illustr. 3 tables. (Neue Brehm-Bücherei Heft 41).

Makatsch, W. (3). Der Vogel und sein Nest. Leipzig (Geest & Portig) 1951 Second edition 120 pp. 58 illustr. (Neue Brehm-Bücherei Heft 14).

Makatsch, W. (4). Der Vogel und sein Ei. Leipzig (Geest & Portig) 1952 Third edition 112 pp. 72 illustr. (Neue Brehm-Bücherei Heft 3).

Makatsch, W. (5). Die Lachmöwe. Leipzig (Geest & Portig) 1952 98 pp. 47 illustr. 3 pls. (Neue Brehm-Bücherei Heft 56).

Makatsch, W. (6). Der Schwarze Milan. Leipzig (Geest & Portig) 1953 88 pp. 24 illustr. 5 maps. (Neue Brehm-Bücherei Heft 100).

Makino, S., Udagawa, T. and Yamashina, Y. Karyotype studies in

birds. 2 : A comparative study of chromosomes in the Columbidae. *Caryologia* **8** : 275-293 22 figs.

Maian, A. *see* Hertzog.

Malgorn, P. Compte-rendu de visite ornithologique à l'île Keller le 21 juin 1956. *Oiseau* **26** : 243-245.

Mall, R. E. Another record of the Tropical Kingbird for California. *Condor* **58** : 163.

Malmberg, T. Topographical concentration of flight-lines. *Int. orn. Congr.* **11** 1954 [1955] : 161-164.

Malmberg, T. (1). Falsterbo fågelstation—en presentation. *Skåne Nat.* **43** : 27-34 4 figs.

Mank, A. Rae raba linnustikust. *Loodus. Seltsi Juubel. 1853-1953, Tallium* 1953 : 332-350 4 pls.

Manninger, G. A. Bromatology in the service of the insect-prognosis : 39-50. *Birds and Colorado beetle* : 309. *Aquila* **55-58** 1948-51.

Mannsberg, A. *Gyps fulvus fulvus*—Griffon Vulture—visiting Pilis-Mts. : 280-281. *Bubo b. bubo* L.—Eagle Owl—breeding around Visegrád? : 285-286. Recent occurrence of *Emberiza c. cia*—Meadow or Rock-Bunting—in the district of Budapest : 296-297. A few words about the nesting of *Sylvia c. curruca*—Lesser Whitethroat : 300-301. *Aquila* **55-58** 1948-51.

Manson-Bahr, Sir P. Clams as predators of birds. *Bull. Brit. orn. Cl.* **76** : 51-52.

Manuel, F. *see* Blanc.

Maraud, R. Recherches sur le déterminisme de la différenciation épидидymaire chez les oiseaux. *Arch. Anat. micr. Morph. expér.* **44** 1955 : 277-309 4 figs.

Marčetič, M. and Medaković, K. Falconiformes Voyodina's. *St. Mat. Sopske No. 7* 1954 : 88-110 map. [English summary].

Marchant, S. Occurrence of the Piping Plover *Charadrius melodus* in Ecuador. *Ibis* **98** : 533.

Marcuzzi, G. Fauna della Dolomiti. [Aves : 423-432]. *Mem. Ist. veneto. Cl. Sci. mat. nat.* **31** : 1-595 16 pls. 73 figs.

Mariétan, T. Introduction de cygne tuberculé dans les lacs de Gérone (Sierre). Bull. Murith. No. 73 : 64-69 1 fig.

Marin, G. Comportamento del substrato somatico nel differenzamento della gonade in embrioni di pollo. Boll. Zool. 21 1954 : 161-162.

Markgren, M. and others. [Swedish bird-notes with English summaries]. Vår Vågeln. 15 : 126-139, 211-212.

Marler, P. Über die Eigenschaften einiger tierlicher Rufe. J. Orn. 97 : 220-227.

Marler, P. (1). The voice of the Chaffinch and its function as a language. Ibis 98 : 231-261 figs.

Marler, P. (2). Territory and individual distance in the Chaffinch *Fringilla coelebs*. Ibis 98 : 496-501.

Marler, P. (3). Studies of fighting in chaffinches. (3) Proximity as a cause of aggression. Brit. J. Anim. Behav. 4 : 23-30 10 figs.

Marler, P. (4). The voice of the chaffinch. New Biol. No. 20 : 70-87 5 figs.

Marler, P. R. Evolution of finch colours. Middle-Thames Nat. No. 8 [1956] : 4-6 figs.

Marshall, A. J. Reproduction in birds : the male. Mem. Soc. Endocrinology 4 1955 : 75-93.

Marshall, A. J. Bower birds. Sci. Amer. 194 : 48-52 figs.

Marshall, A. J. and **Disney, H. J.** de S. Photostimulation of an equatorial bird (*Quelea quelea* Linnaeus). Nature, Lond. 177 : 143-144 1 fig.

Marshall, A. J. and **Folley, S. J.** The origin of nest-cement in Edible-nest Swiftlets (*Collocalia* spp.). Proc. zool. Soc. Lond. 126 : 383-389 1 pl. 1 fig.

Marshall, A. J. and **Serventy, D. L.** Moults adaptation in relation to long-distance migration in petrels. Nature, Lond. 177 : 943.

Marshall, A. J. and **Serventy, D. L. (1).** A case of inter-sexuality in *Gymnorhina dorsalis*. Emu 56 : 207-210 pl.

Marshall, A. J. and **Serventy, D. L. (2)** The breeding cycle of the

Short-tailed Shearwater, *Puffinus tenuirostris* (Temminck), in relation to trans-equatorial migration and its environment. Proc. zool. Soc. Lond. 127 : 489-510 2 pls.

Marshall, A. J. see Disney.

Marshall, A. J. see Serventy, D. L.

Marshall, F. H. A. and others. Physiology of reproduction 1. London (Longmans Green) 3rd edit., 1956 pp. xix + 688 text illustr.

Marshall, J. T., Jr. Summer birds of the Rincon Mountains, Saguaro National Monument, Arizona. Condor 58 : 81-97 figs.

Martin, A. V. W. An electron microscope study of the cartilaginous matrix in the developing tibia of the fowl. J. Embryol. exp. Morph. 2 1954 : 38-48 5 pls. 1 fig.

Martin, F. R. Baldpate (*Mareca americana*) nesting in Minnesota. Auk 73 : 287.

Martin, J. Nest of South African Woodowl, *Ciccaba woodfordii*. Ostrich 27 : 149-150 figs.

Martini, C. De. Nidificazione della beccaccia (*Scolopax rusticola*) nella pianura Lombarda. Riv. ital. Orn. 26 : 151-152.

Martini, E. Spechtschäden an Holzbeton- und Pflanzenfaserbeton-nisthöhlen. Orn. Mitt. 8 : 154 fig.

März, R. Von Rupfungen und Gewöllen. Wittenberg Lutherstadt (A. Ziemsen Verlag) 1955 Second edition 56 pp. 37 illustr. (Neue Brehm-Bücherei Heft 101).

März, R. (1). Der Uhu. Leipzig (Geest & Portig) 1953 46 pp. 16 illustr. 2 maps. (Neue Brehm-Bücherei Heft 108).

Masing, V. and **Laasimer, J.** Pesitsusvõimaluste loomine kasulikkudele lindudele. Abiks Loodus., Tartu No. 14 1954 : 1-65 8 figs.

Mason, E. A. Eleven-year-old Grackle. Bird-Banding 27 : 32.

Máté, L. Black-winged Stilt [and other notes] : 271-272, 282, 284. Aquila 55-58 1948-51.

Máté, L. Nesting of the Southern Black-headed Gull at the fish-ponds near Rétszilás : 431. Nesting of the

Great White Heron at Lake Velence: 434. Contributions to the nesting of the Curlew in Hungary: 439. Nesting of the Hen-Harrier: 437 [and] Short-eared Owl near Székesfehérvár: 442. Nesting birds of the "Salt-lake" near Sárszentágota in Transdanubia: 460. *Aquila* 59-62 1955.

Matheson, C. Fluctuations in partridge populations. *Brit. Birds* 49: 112-114.

Matheson, C. Gamebook records of pheasants and partridges in Wales. *Nat. Lib. Wales J.* 9: 287-294.

Mathiasson, S. Den kentska tårnau-en särpräglad skånefågel. *Skånes Nat.* 43: 35-44 6 figs.

Mathis, M. Observations sur une nichée de Chouette Effraie (*Tyto alba alba* Scopoli) élevée en captivité au laboratoire. *Bull. Soc. Sci. nat. Tunis* 8 3-4 1955: 243-248 3 pls.

Matoušek, B. Das Nisten der Kornweihe—*Circus cyaneus* (L.) in der Slowakei. [German summary]. *Biologica, Bratislava* 9 4 1954: 458-463 1 fig.

Matoušek, B. (1). Das Nisten der *Otus scops scops* (Linn.) in der süd-westlichen Slowakei. [German summary]. *Biologica, Bratislava* 10 1955: 68-75.

Matoušek, B. (2). Beitrag zur oologie der Slovakischen Avifauna [in Slovene]. *Biol. Prace Slov. Akad.* 2 7 1956: 3-89 22 figs.

Matoušek, F. Nisten und Oologie seltener Vogelarten. [German summary]. *Biologia, Bratislava* 11 2 1956: 76-87 1 fig.

Matoušek, F. (1). Durchzug von Wasser- und Wattvögeln auf den neubauten Teichen bei Tyrnan (S.W. Slowakei): 1-16. Feststellung von *Ardeola ralloides*, *Anthus cervina* und *Motacilla flava thunbergi* in der Umgebung von Tyrnan. *Sborn. Krajsk. muz. Truave* 1 1 1955: 23-27 2 figs. [German summary].

Matoušek, F. (2). Ornithological notes from Western Slovakia. *Aquila* 55-62 1955: 466.

Matten, P. and Völker, O. Die schwarzroten und violetten lipochromatischen Federfarben der Cotingiden. *Naturwissenschaften* 42 22 1955: 612-613.

Mattison, H. M. *see* Buss.

Matvejev, S. D. Veränderungen im Bestand der Vogelwelt des Kopaonik-Gebirges in den letzten fünfzig Jahren. *Int. orn. Congr.* 11 1954 [1955]: 480-484.

Matvejev, S. D. (1). Le Crave a bec rouge (*Pyrrhocorax pyrrhocorax docilis* Gm.) en Yugoslavie. *Acta Mus. maced. Sci. nat.* 4 10 1955: 1-22 3 figs.

Matvejev, S. D. (2). Geschichte der Erforschung, Methodik und das ornithologische Material der Kopaonik-Berge. *Bull. Mus. Hist. nat. Serbe* 7B 3 1955: 163-169. [German summary].

Mauersberger, G. Brütet *Emberiza cineracea semenowi* Sar. in Syrien? *J. Orn.* 97: 441.

Mayaud, N. Sur les migrations en Méditerranée et dans l'Atlantique de *Larus melanocephalus*. *Int. orn. Congr.* 11 1954 [1955]: 649-651 fig.

Mayaud, N. (1). Notes d'Ornithologie française. Supplément à la Liste des Oiseaux de France. *Alauda* 24: 53-61.

Mayaud, N. (2). Nouvelles données sur *Larus melanocephalus* Temminck. *Alauda* 24: 123-131 fig.

Mayaud, N. (3). Gélinites en Touraine. *Alauda* 24: 148.

Mayaud, N. (4). Etude sur la migration et les zones d'hivernage des Sternes caspiennes, *Hydroprogne caspia* (Pallas) d'Eurasie. *Alauda* 24: 206-218.

Mayaud, N. (5). La migration de l'Oie à bec court *Anser fabalis brachyrhynchus* Baillon et sa présence en France l'hiver. *Alauda* 24: 245-249.

Mayaud, N. (6). On the genus *Coracia* Brisson, 1760. *Bull. Brit. orn. Cl.* 76: 105.

Mayer, G. Phänologische Daten einiger Singvögel (Linz—Steyr—Wels). *Naturk. Jb. Linz* 1956: 381-389.

Mayer, G. and Pertlwieser, H. Die Vogelwelt des Mündungsgebietes der Traun. 2. Teil. *Naturk. Jb. Linz* 1956: 391-398.

Mayfield, H. The seventy-third stated meeting of the American Ornithologists' Union [and committee reports]. *Auk* 73: 106-124.

Mayfield, H. (1). Jack Miner and the role of predators in nature. Jack-Pine Warbler **34** : 145-150.

Mayfield, H. F. and McCormick, J. M. Purple Finch nesting at Toledo, Ohio. Wilson Bull. **68** : 249.

Mayr, E. Is the Great White Heron a good species? Auk **73** : 71-77.

Mayr, E. (1). The interpretation of variation among the Yellow Wagtails. Brit. Birds **49** : 115-119.

Mayr, E. (2). The names of *Treron griseicauda* and *Treron pulverulenta*. Bull. Brit. orn. Cl. **76** : 62.

Mayr, E. (3). Geographical character gradients and climatic adaptation. Evolution **10** : 105-108.

Mayr, E. (4). Fragments of a Papuan Ornitho-Geography. Proc. 7th Pacific Sci. Congress **4** : 11-19.

Mayr, E. (5). On the origin of bird migration in the Pacific. Proc. 7th Pacific Sci. Congress **4** : 387-394.

Mayr, E., Andrew, R. J. and Hinde, R. A. Die systematische Stellung der Gattung *Fringilla*. J. Orn. **97** : 258-273 figs.

Mayr, E. and van Deusen, H. M. Results of the Archbold Expedition. No. 74. The birds of Goodenough Island, Papua. Amer. Mus. Novit. No. 1792 : 1-8 map.

Mayr, E. and Greenway, J. C. Sequence of Passerine families. Breviora No. 58 : 1-11.

Mayr, E. and Phelps, W. H., Jr. Origin of the bird fauna of Pantepui. Int. orn. Congr. **11** 1954 [1955] : 399-400.

Meanley, B. Food habits of the King Rail in the Arkansas rice fields. Auk **73** : 252-258.

Meanley, B. (1). Banding Blackbirds in a rice field reservoir roost. Bird-Banding **27** : 170-171 fig.

Meanley, B. (2). Foods of the Wild Turkey in the White River bottomlands of Southeastern Arkansas. Wilson Bull. **68** : 305-311 figs.

Mebs, T. Zum Brut-Vorkommen des Wanderfalken (*Falco peregrinus germanicus* Erlang.) in Süddeutschland. Anz. Orn. Ges. Bayern **4** 5 1955 : 343-362 fig.

Mebs, T. (1). Wanderfalk versteckt Beute. Vogelwelt **77** : 12-15.

Médioni, J. L'orientation "astronomique" des arthropodes et des oiseaux [p. 57]. Ann. biol. (3) **32** 37-67 10 figs.

Mees, G. F. Geographical and individual variation in *Chlorocharis emiliae* Sharp. Sarawak Mus. J. **6** 1955 : 641-661 1 pl. map.

Mees, G. F. Description of a new race of *Zosterops novaeguineae* Salvadori. Zool. Meded. **34** 1955 : 153-154.

Meiklejohn, M. F. M. and Palmar, C. E. Report on the birds of the Clyde Area, 1954, **67** : 65-71. [and] 1955, Scot. Nat. **68** : 157-161.

Meinertzhagen, R. Birds in Greenland. Bull. Brit. orn. Cl. **76** : 17-22.

Meinertzhagen, R. (1). Obituaries—William Arthur Payn. Ibis **98** : 136.

Meinertzhagen, R. (2). British Ornithologists' Union. Taxonomic Sub-Committee : first report. Ibis **98** : 157-168.

Meinertzhagen, R. (3). Roost of wintering harriers. Ibis **98** : 535.

Meise, W. Brutbericht 1955 des Vereins Jordsand. Vogelwelt **77** : 25-28.

Melcher, R. see Corti.

Melchior, G. Nordische Schaftstelen (*Motacilla flava thunbergi*) bei Giessen. Orn. Mitt. **8** : 134.

Mell, R. Der Storch. Leipzig & Wittenberg/Lutherstadt (Geest & Portig and A. Ziemsen Verlag) 1951 44 pp. 18 illustr. (Neue Brehm-Bücherei Heft 35).

Melo Carvalho, J. C. de. Estudos sobre os ninhaios de aves aquáticas no Baixo Amazonas. Ann. Acad. bras. Sci. **27** 3 1955 : xxxiv-xxxv.

Merikallio, E. Über die Anwendung der quantitativen Untersuchungsmethode zur Ermittlung der regionalen Verbreitung und der Zahl der Vögel in Finnland. Int. orn. Congr. **11** 1954 [1955] : 485-494 figs.

Merkel, F. Ist der Gesang der Vögel angeboren oder erlernt? Umschau **55** 1955 : 554-555 4 figs., **56** : 132-133.

Merritt, D. [and others]. The Season. Migrant, Tennessee **27** : 48-53.

Messedaglia, L. Prese di storni (*Sturnus vulgaris* L.) vecchie e moderne. Riv. ital. Orn. **26** : 45-54.

Mester, H. Odinshühnchen (*Phalaropus lobatus*) bei Fröndenberger/Ruhr. Orn. Mitt. **8** : 53.

Mester, H. (1). Eigenartiges Verhalten von Vögeln gegenüber dem Uferläufer (*Actitis hypoleucos*). Orn. Mitt. **8** : 110.

Mester, H. (2). Brutbiologische Beobachtungen am Teichhuhn (*Gallinula chloropus* L.) in Westfalen. Orn. Mitt. **8** : 134-135 fig.

Mester, H. (3). Flussregenpfeifer-Beobachtungen in Westfalen. Orn. Mitt., Stuttgart **8** : 161-165 fig.

Mester, H. (4). Einige seltene Singvögel am Mittellauf der Ruhr. Orn. Mitt. **8** : 207-208.

Mészáros, A. Long-tailed Duck near Kecskemét : 277. Occurrence and breeding of *Dryocopus martius*—Black Wood-pecker in Kecskemét : 287-288. Aquila **55-58** 1948-51.

Mewaldt, L. R. Nesting behavior of the Clark Nutcracker. Condor **58** : 3-23.

Miccoli, S. A proposito della Tortora del collare orientale nella zona di Trieste. Riv. ital. Orn. **26** : 194-195.

Michaëlis, H. von. Birds of the Gauntlet. London (Hutchinson) 1952. 223 pp. illustr. col. pls.

Middlemiss, E. What do birds eat ? Bokmakierie **7** 1955 : 41-42.

Miers, K. see Riney.

[Mikheev, A. V.] Results and perspectives of the work on ringing birds in U.S.S.R.]. Ornith. Conf. Riga 1951 1953 : 17-23. [In Russian].

[Mikheev, A. V. (1). Influence of 1949 and 1950 frosts in Caspian hibernation places on migration and population of aquatic birds]. Ornith. Conf. Riga 1951 1953 : 109-115. [In Russian].

[Mikheev, A. V. (2). Results of ringing Passeriformes in U.S.S.R.]. Trud. Bird ring. Bur. **8** 1955 : 101-103. [In Russian].

[Mikhelson, G. A.] Observations on migration of birds on South Coast of Riga bay]. Ornith. Conf. Riga 1951 1953 : 141-154 6 figs. [In Russian].

Mikolas, K. *Grus grus*—Crane—ashore Lake Velence : 268. *Oxyura l. leucocephala*—Ruddy Duck—in southern Trans-Danubia : 276-277. *Anas angustirostris* in Lake Velence : 277. Aquila **55-58** 1948-51.

Miller, A. H. Breeding cycles in a constant equatorial environment in Colombia, South America. Int. orn. Congr. **11** 1954 [1955] : 495-503 figs.

Miller, A. H. (1). Northwestward vagrancy of the Scott Oriole. Condor **58** : 452.

Miller, A. H. and Bowman, R. I. A fossil magpie from the Pleistocene of Texas. Condor **58** : 164 fig.

Miller, A. H. and Bowman, R. I. (1). Fossil birds of the late Pliocene of Cita Canyon, Texas. Wilson Bull. **68** : 38-46 figs.

Miller, A. H. and Russell, W. C. Distributional data on the birds of the White Mountains of California and Nevada. Condor **58** : 75-77.

Miller, L. A collection of bird remains from the Pliocene of San Diego, California. Proc. Calif. Acad. Sci. (4) **28** : 615-621 1 fig.

Miller, W. J. The hybrid-substance of the erythrocytes of the hybrids between *Columba livia* and *Streptopelia risoria*. Genetics **41** : 700-714.

Mills, D. H. European migrants at sea near Cape Verde. Ibis **98** : 137.

Milne, B. S. A report on the bird population of Beddington Sewage Farm, 1954-55. Lond. Bird Rep. No. 20 : 39-54 10 figs.

Milon, P. Dénombrement des oiseaux de l'île Rouzic (Sept-Iles) en Avril 1955. Alauda **24** : 37-48.

Milon, P. (1). Sternes caspiennes en Camargue. Alauda **24** : 232.

Milon, P. (2). Notes bibliographiques sur le Nouveau Traité des Serins de Canarie d'Hervieux de Chanteloup. Oiseau **26** : 204-218.

Milon, P. (3). Le Fulmar à l'île Rouzic. Oiseau **26** : 245.

Milstein, P. Some notes on Green White-eyes. *Bokmakierie* **8** : 11.

Minton, C. D. T. White-rumped Sandpiper in Lincolnshire and Norfolk. *Brit. Birds* **49** : 150.

Minton, C. D. T. (1). Probable breeding of Snow-Bunting on Ben Nevis in 1954. *Scot. Nat.* **68** : 59.

Mishima, T. A new race of *Charadrius placidus* from Japan. Some records of birds from Japan and its adjacent regions. *Tori* **14** no. 67 : 15-24.

Misonne, X. Notes sur les oiseaux de la Syrie et de l'Iran. *Gerfaut* **46** : 191-197.

Moberg, O. Photographic studies of some less familiar birds. *LXIX. Great Grey Owl. Brit. Birds* **49** : 26-27 4 pls.

Möbius, G. Zilpzalp und Misteldrossel Opfer ihres Nistmaterials. *Orn. Mitt.* **8** : 155.

Moeller, J. see Berndt.

Moltoni, E. La Tortora dal collare orientale (*Streptopelia decaocto*) in Italia. *Int. orn. Congr.* **11** 1954 [1955] : 504-505.

Moltoni, E. (1). Cattura di un presunto ibrido fra Fringuello e Peppola (*Fringilla coelebs* × *F. montifringilla*). *Riv. ital. orn.* **26** : 13-16 fig.

Moltoni, E. (2). La presenza dello Svasso collaroso *Podiceps griseigena* (Bodd.) nell'Estuario Veneto. *Riv. ital. Orn.* **26** : 28 fig.

Moltoni, E. (3). Grande resistenza al digiuno di un Falco pecchiaiolo, *Pernis apivorus*, in schiavitù. Il Gufo degli Urali, *Strix uralensis liturata* Tengmalm, in Italia. *Riv. ital. Orn.* **26** : 31-35 figs.

Moltoni, E. (4). Notizie sul passo del Crociere, *Loxia curvirostra*, nel 1952 e 1953-54 in Italia. *Riv. ital. Orn.* **26** : 67-77.

Moltoni, E. (5). Il Corriente biondo, *Cursorius cursor*, in Italia. Notizie sul passo della Cincia mora, *Parus ater* L., in Italia nel 1952-53. Ancora su gli ibridi tra Fagiano di monte e Gallo cedrone (*Lyrurus tetrix* × *Tetrao urogallus*). *Riv. ital. Orn.* **26** : 82-88.

Moltoni, E. (6). Ancora sul Gheppio, *Falco tinnunculus*, in Milano città. *Riv. ital. Orn.* **26** : 92.

Moltoni, E. (7). Cattura di una *Bulweria fallax* Jouanin nell'Oceano Indiano ad E di Aden. *Riv. ital. Orn.* **26** : 134-136.

Moltoni, E. (8). Cenni sugli uccelli del Parco Nazionale del Gran Paradiso (Alpi Graie). *Riv. ital. Orn.* **26** : 153-169 fig.

Monroe, B. L., Jr. Observations of Elegant Terns at San Diego, California. *Wilson Bull.* **68** : 239-244.

Monson, M. A. Nesting of the Trumpeter Swan in the Lower Copper River basin, Alaska. *Condor* **58** : 444-445.

Moore, H. J. and Boswell, C. Field observations on the birds of Iraq. I. Podicipidae-Laridae. II. Pterodidae-Timaliidae. *Publ. Iraq nat. Hist. Mus. No. 9* : 1-109, No. 10 : 1-213.

Moore, R. T. and Medina, D. R. Additional unrecorded specimens of *Neochloe brevipennis* from Oaxaca, México. *Condor* **58** : 442.

Moore, T. Cowbird parasitism on Brown Thrasher. *Auk* **73** : 558.

Moreau, R. E. The bird-geography of Europe in the last glaciation. *Int. orn. Congr.* **11** 1954 [1955] : 401-405 fig.

Moreau, R. E. (1). The Iberian Peninsula and migration. *Bird Study* **3** : 1-25 figs.

Moreau, R. E. (2). Quail in the British Isles, 1950-53. *Brit. Birds* **49** : 161-166.

Moreau, R. E. (3). and W. M. A cerca de la migracion otoñal en el estrecho de Gibraltar. *Ardeola* **3** : 59-69.

Moreau, R. E. and Benson, C. W. *Cossypha insulana* Grote conspecific with *Cossypha bocagei* Finsch & Hartlaub. *Bull. Brit. orn. Cl.* **76** : 62.

Morel, G. and Bourlière, F. Recherches écologiques sur les *Quelea quelea quelea* (L.) de la basse vallée du Sénégal. II. La reproduction. *Alauda* **24** : 97-122 figs. 3 pls.

Morgan, A. H. Kinships of Animals and Man. A textbook of animal biology. New York, Toronto & London (McGraw Hill Co., Inc.) 1955, chap. 36, pp. 729-751 illustr.

Morgenegg, M. Bécasses en ville. Nos Oiseaux **23** : 218.

Moritz, F. Nidification de la Grive litorne près du Locle. Nos Oiseaux **23** : 219.

Morley, A. and Price, K. L. H. The Black-tailed Godwit in Great Britain and Ireland, 1938-1952. Brit. Birds **49** : 258-267.

Morris, D. The feather postures of birds and the problem of the origin of social signals. Behaviour **9** : 75-113 12 figs.

Mörzer Bruijns, M. F. and Rooth, J. Een Grote Krekeltzanger, *Locustella fluviatilis* (Wolff), op Terschelling. Ardea **43** 1955 : 271-274.

Mörzer Bruijns, M. F. and Tanis, J. The Brent Goose, *Branta bernicla* (L.) on Terschelling (Netherlands). Ardea **43** 1955 : 261-271 fig.

Mosby, L. D. and Lynn, W. M. Long-tailed Jaeger in Kansas. Wilson Bull. **68** : 245.

Mossberg, C. Glimtar från besök i nederländska fågelreservat-Zwarte-meer och Naardemeer. Fauna och Flora **51** : 65-74 3 figs.

Motte, P. and others. Brèves communications. Gerfaut **46** : 41-62.

Mountfort, G. Some observations on the Hawfinch, *Coccothraustes coccothraustes*. Int. orn. Congr. **11** 1954 [1955] : 604-607 figs.

Mountfort, G. (1). The territorial behaviour of the Hawfinch *Coccothraustes coccothraustes*. Ibis **98** : 490-495.

Mowat, F. M. and Lawrie, A. H. Bird observations for Southern Kewatin and the interior of Northern Manitoba. Canad. Fld. Nat. **69** 3 1955 : 93-116 map.

Moynihan, M. Notes on the behavior of some North American Gulls. I. Aerial hostile behavior. Behaviour **10** : 126-178 figs.

Moynihan, M. (1). Behavior of a Pratincole. Auk **73** : 268-271 figs.

Moynihan, M. (2). California Gulls and Herring Gulls breeding in the same colony. Auk **73** : 453-454.

[**Mozhaev, B. N.** Birds as vectors of mussels]. Priroda **12** 1955 : 111-112. [In Russian].

Müller, A. K. X. Nachtrag zum "Maisinger See". Anz. Orn. Ges. Bayern **45** 1955 : 297-310.

Müller, I., Runge, W. and Ferner, H. Cytologie und Gefäßverhältnisse des Inselorganes bei der Ente. Z. mikr.-anat. Forsch. **62** : 165-186 f. 1-16.

Müller-Using, D. Ist die Nachtschwalbe (*Caprimulgus europaeus*) durch die zunehmende Motorisierung besonders gefährdet? Orn. Mitt. **8** : 50.

Müller-Using, D. (1). Wiederauftreten des Haselhuhns (*Tetrastes bonasia rupestris* (Brehm)) in Niedersachsen, Nordosthessen und anderwärts. Orn. Mitt. **8** : 98.

Müller-Using, D. (2). Die Ruderente im Winter 1955/56 bei Bamberg und Heilbronn. J. Orn. **97** : 237.

Münch, H. Der Wiedehopf. Leipzig (Geest & Portig) 1952 68 pp. 20 illustr. (Neue Brehm-Bücherei Heft 90).

Münch, H. (1). Der Wespenbussard. Wittenberg Lutherstadt (A. Ziemsen Verlag) 1955 98 pp. 40 illustr. (Neue Brehm-Bücherei Heft 151).

Münch, H. (2). Misteldrossel (*Turdus viscivorus*) als Bodensänger. Orn. Mitt. **8** : 30.

Munns, D. J. Further notes on the birds of the Blasket Islands. Bird Study **3** : 248-250.

Munro, J. A. Starling at Vanderhoof, British Columbia. Auk **73** : 130.

Muray, R. *Buteo b. vulpinus* in the district of Budapest : 283. Rectification of Marsh Warbler, having been erroneously taken for Olivaceous Warbler : 303. Aquila **55-58** 1948-51.

Murbarger, N. The birds of Anaho. Nat. Hist., N.Y. **65** : 300-305 figs.

Murie, A. Nesting records of the Arctic Willow Warbler in Mount McKinley National Park, Alaska. Condor **58** : 292.

Murie, O. J. Blood money for school children. *Audubon Mag.* **58** : 116-117, 126.

Murr, F. Ein weiteres deutsches Vorkommen der Felsenschwalbe *Riparia rupestris* Scopoli. *Anz. Orn. Ges. Bayern* **4** 1954 : 143-146.

Murr, F. (1). Alpenschneehuhn, *Lagopus mutus helveticus*, mit rosenrot angehauchtem Winterkleid. *J. Orn.* **97** : 343.

Mykutowycz, R., Dane, D. S. and Beech, M. Ornithosis in the petrel, *Puffinus tenuirostris* (Temminck). *Aust. J. exp. Biol. med. Sci.* **33** 1955 : 629-636.

Nagy, G. Notes on the Mátra-mountain's bird-life. *Aquila* **59-62** 1955 : 464.

Nagy, I. Black-throated Diver in summer plumage : 268. Increase of House-Martin in the city of Győr : 299. Teal in 1,300 year-old grave : 311. *Aquila* **55-58** 1948-51.

Nagy, I. Biological observations on a pair of White Storks. *Aquila* **59-62** 1955 : 158.

Nagy, J. Shore Lark in the outskirts of Győr. *Aquila* **55-58** 1948-51 : 294.

Nagy, J. Observations at Balatonfüred in spring-time : 441. The Woodchat Shrike's last occurrence at Debrecen. *Aquila* **59-62** 1955 : 448.

Nagy, L. Ten years at the Lake Velence [in Hungarian]. *Aquila* **55-58** 1948-51 : 189-193.

Nagy, L. Pomatorhine Skua in Eastern Hungary. *Aquila* **59-62** 1955 : 440.

[Nasimovich, A. A.] The autumn bird migration in the mountains of Central Caucasus]. *Trud. Bird ring. Bur.* **8** 1955 : 167-168. [In Russian].

Neff, D. J. Birds of Yang-Do, Korea. *Auk* **73** : 551-555.

Nelson, G. E., Jr. Relationships of the avian family *Fringillidae*. *J. Ala. Acad. Sci.* **26** 1954 : 85. [Abstract].

Nero, R. W. Red-wing nesting in bird house. *Auk* **73** : 284.

Nero, R. W. A behavior study of the Red-winged Blackbird. I. Mating and nesting activities. *Wilson Bull.* **68** : 5-37 figs.

Nero, R. W. (2). A behavior study of the Red-winged Blackbird. II. Territoriality. *Wilson Bull.* **68** : 129-150 fig.

Nesnera, Ö. The Northern Goshawk in Nyitra, Slovakia. *Aquila* **59-62** 1955 : 432.

[Neufeldt, I. A.] Data on the feeding of nestlings of some forest insectivorous birds]. *Zool. Zh.* **35** : 434-440. [In Russian].

Newton, R. Bird islands of Mauritius. *Ibis* **98** : 296-302

Nice, C. A young bird's world. *Audubon Mag.* **58** : 156-159 figs.

Nicholson, E. M. Richard's Pipit in Co. Donegal. *Brit. Birds* **49** : 44.

Nickell, W. P. Singing and window-fighting by female Cardinals. Vertical nest placement in the Blue-gray Gnatcatcher. *Wilson Bull.* **68** : 159.

Nickell, W. P. (1). Bird and insect guests at a Sapsucker tree. Jack-Pine Warbler **34** : 117.

Nickell, W. P. (2). Nesting of the Black-capped Chickadee in the southern peninsula of Michigan. Jack-Pine Warbler **34** : 127-138 figs.

Nicolai, J. Zur Biologie und Ethnologie des Gimpels (*Pyrrhula pyrrhula* L.). [English summary]. *Z. Tierpsychol.* **13** : 93-132 f. 1-13.

Niebuhr, O. Zugbeobachtungen auf dem Mittelmeer im Frühling 1951. *Orn. Mitt.* **8** : 66-68.

Niebuhr, O. Zum Vorkommen schwarzgrauer Aaskrähen in der Südeide. *Beitr. Naturk. niedersachs.* **9** : 83.

Nielsen, H. A. and others. Mindre Meddelelser. [Danish short notes]. *Dansk orn. Foren. Tidsskr.* **50** : 159-164, 246-250.

Niethammer, G. Zur Vogelwelt Boliviens (Teil II : Passeres). *Bonn. zool. Beitr.* **7** : 84-150 2 pls.

Niethammer, G. (1). Otto Natorp zum Gedächtnis. *J. Orn.* **97** : 438-440.

Niethammer, G. (2). Zur Vogelwelt Südtirols. *Orn. Mitt.* **8** : 6-12.

Niethammer, G. (3). Zu "Englische Ringeltauben am Niederrhein". *Vogelwelt* **77** : 114-116.

Niklus, M. Ropka luha ja Aardla järve linnustikust. Loodus. Seltsi Juubel. 1853–1953, Tallinn 1953 : 375–381.

Nisbet, I. C. T. Editor. Birds and the Cambridge area, 1955. Rept. Cambridge Bird Cl. 1955 : 3–21.

Nisbet, I. C. T. (1). Records of Wood Sandpipers in Britain in the autumn of 1952. Brit. Birds **49** : 49–62.

Nisbet, I. C. T. (2). The field-characters of the Oortolan Bunting in autumn. Brit. Birds **49** : 330–331.

Nisbet, I. C. T. (3). Migration of sea- and shore-birds at Blåvandshuk, W. Jutland, in September and October 1955. Dansk. Orn. Foren. Tidsskr. **50** : 324–334.

Nisbet, I. C. T. and Smout, T. C. Observations sur la migration d'automne de *Larus melanocephalus* en Grèce et Turquie. Alauda **24** : 306–30

Nisbet, I. C. T. and Vine, A. E. Migration of Little Stints, Curlew Sandpipers and Ruffs through Great Britain in the autumn of 1953. Brit. Birds **49** : 121–134 figs.

Nisbet, I. C. T. see Burton.

Nobis, K.-J. Steuerung von Wachstum und Formbildung durch Wirkstoffe. (V Mitteilung. Die Beeinflussung des Wachstums, der Hypophyse, der Schilddrüse und des Hodens durch steroide Hormone, Vitamin E und Thymusöl bei Küken). Z. wiss. Zool. **159** : 1–76.

Nolan, V., Jr. Spittle insects as food of Prairie Warblers. Auk **73** : 557.

Noll, H. Die Vogelwelt der Untersees. Mitt. naturf. Ges. Schaffhausen **25** 1953/54 1956 : 273–384 5 pls. 1 fig. map.

Nordström, G. Eräitä huomattavia vuorokausia rengastustuloksia. Luonnon Tutkija **59** 1955 : 49–51 2 figs.

Nordström, G. (1). Lintujen rengasmerkinnästä Luomessa vuonna 1955 Luonnon Tutkija **60** : 79–81 2 maps.

Nordström, G. (2). Über die Expansion des Karmingimpels, *Carpodacus erythrinus* Pall., während der letzten Jahre in Finnland. Ornith. fenn. **33** : 19–28 figs.

Nordström, G. see Vällinkangas.

Noréhm, N. Härfågel (*Upupa e. epops* [L.] med ungar på Gotland 1954. Fauna och Flora **51** : 22–32 2 figs.

Norris, R. A. see Johnston.

Norström, S. Två bofynd av gräshoppsångaren (*Locustella naevia*) i södra Dalarna. Fauna och Flora **51** : 33–37 1 fig.

Norström, S. (1). Observations at two nests of the Grasshopper-Warbler (*Locustella naevia*). [English summary]. Vår Fågelv. **15** : 28–32 figs.

Notini, G. and Westman, H. Sjöfågeln och sjöfågeljakten längs ostkusten. Sea birds and sea bird shooting by the Swedish East Coast. Bull. R. School Forestry, Stockholm No. 22 : 1–77 text illustr. [English summary].

Nouvel, J. and Rinjard, J. Transport et acclimatation de Manchots des Îles Kerguelen à Paris. Bull. Mus. Hist. nat., Paris **28** (2) : 86–88.

[Novik, I. E.] On the character of accumulation in the Cock sperm P32. C.R. Acad. Sci. URSS. **107** : 597–599. [In Russian].

[Novikov, B. G.] Experimental analysis of the sexual and seasonal differences in connection with the light reaction of Gonads. Trud. Inst. zool. Kiev **12** 1955 : 37–53 12 figs. [In Russian].

[Novikov, B. G. and Manzhelei, V. U.] Development and the growth of ducks in various periods of the year. Trud. Inst. zool. Kiev **12** 1955 : 54–66 3 graphs. [In Russian].

[Novikov, B. G., Moshkov, E. A. and Abrazheï, A. N.] The importance of various light regime on growth and development of birds. C.R. Acad. Sci. URSS. **107** : 488–491. [In Russian].

Oakeson, B. B. Liver and spleen weight cycles in non-migratory White-crowned Sparrows. Condor **58** : 45–50.

Oatley, T. On an extension to the range of *Tychaëdon signata* (Sundevall). Ostrich **27** : 87.

Oberholser, H. C. A new Hermit Thrush from Canada. Proc. biol. Soc. Wash. **69** : 69.

Odling, T. O. Helminth parasites. Flicker Minnesota **28** : 138-149.

Ödman, F. Turkduva på Gotland. Fauna och Flora **50** 6 1955 : 259.

Odum, E. P. and **Connell**, C. E. Lipid levels in migrating birds. Science **123** : 892-893.

Odum, E. P. and **Major**, J. C. The effect of diet on photoperiod-induced lipid deposition in the White-throated Sparrow. Condor **58** : 222-228.

Oguri, M. and **Chu**, W. T. C. Influence of diet on the susceptibility of domesticated ducks to parasitism by a marine trematode. Proc. Hawaii. Acad. Sci. No. 30 1955 : 15-16.

Olberg, G. Vögel im Schilf. Leipzig (Geest & Portig) 1952 68 pp. 46 illustr. 2 tables. (Neue Brehm-Bücherei Heft 61).

Olderog, H. Mönchsgrasmücke (*Sylvia atricapilla*) überwinterte auf Fehmarn. Orn. Mitt. **8** : 51.

Olivares, A. Algunas aves de la Comisaria del Vaupes (Colombia). Caldasia **7** 1955 : 259-275.

Olivier, G. [and **Claudon**, A.]. La Tourterelle turque en Alsace. Oiseau **26** : 241-242.

Olsson, N. Biological determination of the antirachitic effect of ultraviolet light. Hanström Festschrift, Lund : 242-247.

Olsson, V. The Greenish Warbler (*Phylloscopus trochiloides*) and the Hedge Sparrow (*Prunella modularis*)—two species new to Valdemarsvik. Vår Fågelv. **15** : 33-43 figs.

Ommen, F. van. De kraanvogels trekken : 82-83. Over de jachtwijze van de Havik : 99. Natura, Amsterdam **53**.

Omodeo, P. Aspetti biogeografici della speciazione. Boll. Zool. **21** 1954 : 549-604 19 figs.

Onno, S. Tuttpüti maastikulisest levikust Eesti NSU-s. Loodus. Seltsi Juubel. 1853-1953, Tallinn 1953 : 365-374 1 map.

Onteniente, C. see Panouse.

O'Rahilly, R. and **Gardner**, E. The development of the knee joint of the chick and its correlation with embryonic staging. J. Morph. **98** : 49-88 3 pls.

Orians, Q. and **Kuhlman**, F. Red-tailed Hawk and Horned Owl populations in Wisconsin. Condor **58** : 371-385.

Orlando, C. La Coturnice di Sicilia (*Alectoris graeca whittakeri* Schiebel 1934). Riv. ital. orn. **26** : 1-12 figs.

Orlando, C. (1). Il Pellicano riccio in Sicilia e le differenze tra le due specie *onocrotalus* e *crispus* a proposito dei contestati individui catturati nel mar di Pozzallo nel gennaio 1877. Riv. ital. Orn. **26** : 38-42 figs.

Orlando, C. (2). I Picini (sotto-famiglia Picinae) in Sicilia. Riv. ital. Orn. **26** : 78-81.

Orlando, C. (3). Dati e date sulla Beccaccia. Riv. ital. Orn. **26** : 144-145.

Orlando, C. (4). Nuove notizie sulla frequenza del Cuculo dal ciuffo, *Clamator glandarius* (L.), in Italia. Riv. ital. Orn. **26** : 174-177.

O'Ruadháin, M. Birds in Irish folklore. Int. orn. Congr. **11** 1954 [1955] : 669-674.

O'Ruadháin, M. The position of nature protection in Ireland in 1956. Irish Nats'. J. **12** : 81-104.

Osborne, R. see Wood-Gush.

Over, H. J. and **Bruijns**, M. F. M. Waterwildconcentraties in Nederland in Februari 1956. Levende Nat. **59** : 149-155 1 fig.

Owen, D. F. The food of nestling Jays and Magpies. Bird Study **3** : 257-265.

Owen, D. F. and **Phillips**, G. C. The food of nestling Purple Herons in Holland. Brit. Birds **49** : 494-499.

Owens, C. O. Weekend notes on a 1954 colony of Dickcissels. Jack-Pine Warbler **34** : 118-120 fig.

Paccaud, O. Les oiseaux d'un petit bois de la Côte. Nos Oiseaux **23** : 161-165 fig.

Palau, X. see Balcells.

Palkó, F. The Snake-Eagle's nesting in the Pilis Mountains. Aquila **59-62** 1955 : 438.

[**Palmar**, C. E.]. The Capercailzie. Forestry Comm. leaflet no. 37 : 1-10 8 figs.

Panouse, J.-B. and Onteniente, C. Liste des reprises d'oiseaux bagués contrôlées par l'Institut Scientifique Chérifien pendant l'année 1954. Bull. Soc. Sci. nat. Maroc **35** : 117-123.

Paquet, J. and others. Brève communications. Gerfaut **46** : 127-139.

Parker, A. C. and Summers, D. J. Kestrel nestlings fed on Starlings. Brit. Birds **49** : 181.

Parkes, K. C. Systematic notes on North American birds. I. The herons and ibises (Ciconiiformes). Ann. Carneg. Mus. **33** 1955 : 287-293.

Parkes, K. C. Sympatry, allopatry and the subspecies in birds. Syst. Zool. **4** 1955 : 35-40, 192.

Parkes, K. C. and Benton, A. H. Bibliography of New York State ornithology. Kingbird **6** : 44-46.

Parmelee, D. E. see Sutton.

Partridge, W. H. Notes on the Brazilian Merganser in Argentina. Auk **73** : 473-488 5 pls. (1 col.).

Pascovski, S. Ornithologische Recognoscierungen durch Cadrilater. Bul. Soc. Nat. Român. No. 15 1941 : 20-29.

Pateff, P. Dalmatian Pelican in Bulgaria. Aquila **55-58** 1948-51 : 275.

Paterson, J. M. Notes on Fringilidae of the Eastern Cape Province. Redwing **3** : 11-13.

Paterson, M. see Smithers, R. H. N.

Pátkai, I. Bird of prey researches in the years 1949 and 1950 : 78-79. Migration of the woodcock in the spring of the years 1948 and 1949 : 111. [Short notes] : 271. Aquila **55-58** 1948-51.

Pátkai, I. XVIIth Report on bird-banding in Hungary. Aquila **59-62** 1955 : 272.

Pátkai, I. Flamingo at Tápióscsö : 430. Common Scoter on the Danube : 432. Eider Duck near Budapest : 436. Alpine Accentor at Budapest : 448. Occurrence of Holböll's Redpoll in Hungary during the winter 1953/54 : 449. Aquila **59-62** 1955.

Patkai, I. see Keve.

Patterson, R. L. The Sage Grouse in Wyoming. Denver (Sage Books Inc.) 1952 v-xii 341 pp. tables and figs.

Paulian, P. Addition à l'avifauna de l'île Amsterdam. Oiseau **26** : 65.

[Pavlovski, E. N. and Ivanov, A. I.] The development of the ornithological investigations]. Bull. Acad. Sci. USSR. **4** 133-134. [In Russian].

Paynter, R. A., Jr. Avifauna of the Jorullo region, Michseán, Mexico. Postilla No. 25 : 1-12 2 figs. map.

Paynter, R. A., Jr. (1). Birds of the Swan Islands. Wilson Bull. **68** : 103-110.

Paynter, R. A. and others. Support for the proposal made by Charles Vaurie for the suppression under the Plenary Powers of the pamphlet by R. B. Horniman entitled "Preliminary descriptions of some new birds". Bull. zool. Nom. **12** : 309-311.

Pead, T. C. *Ciconia ciconia*—White Stork—in Southern Rhodesia. Aquila **55-58** 1948-51 : 278-279.

Peakall, D. B. Some notes on the Red-spotted Bluethroat. Brit. Birds **49** : 135-139.

Peakall, D. B. Migration at the Smith's Knoll light-vessel autumn 1953. Brit. Birds **49** : 373-388 fig.

Pearton, J. E. The arrival of spring migrants, 1955. Country-Side N.S. **17** : 388-390.

Peitzmeier, J. Wandern deutsche Eichelhäherpopulationen ? Orn. Mitt. **8** : 95.

Peitzmeier, J. (1). Kälteflucht des Merlin (*Falco columbarius*) ? Orn. Mitt. **8** : 129.

Peitzmeier, J. (2). Begattung beim Mittelspecht (*Dryobates medius* L.). Orn. Mitt. **8** : 155.

Peitzmeier, J. (3). Zum sozialen Verhalten unserer Hühnervögel. Orn. Mitt. **8** : 150.

Peitzmeier, J. (4). Zur Synökie von *Lanius excubitor* und *Turdus pilaris*. Vogelwelt **77** : 54-56.

Peitzmeier, J. (5). Zur Ökologie und Biologie des Kuckucks (*Cuculus canorus* L.). Vogelwelt **77** : 85-86.

Pell, W. H. Robin (*Turdus migratorius*) feeding on ocean beach. *Auk* **73** : 286.

Pennie, I. D. and Andrew, D. G. Bird notes from Spitsbergen, summer 1955. *Sterna* **2** No. 2 : 1-64.

Penniket, J. G. Wax-eyes taken as food by White Heron. *Notornis* **7** : 60.

Pennycuik, C. J. Observations on a colony of Brünnich's Guillemot *Uria lomvia* in Spitzbergen. *Ibis* **98** : 80-99 figs.

Pera, L. Contributo allo studio dei centri pregangliari spinali degli uccelli. *Mem. Soc. tosc. Sci. nat.* **60B** 1953 : 51-87 15 figs.

[Perekhrest, A. G.] Hybrids of pheasants. *Priroda* **5** 1955 : 109-110 2 figs. [In Russian].

Pergolani de Costa, M. J. I. Phytotomidae. Pájaros "cortarramas". *Rev. Invest. agric. B. Aires* **10** : 99-106.

Perkins, E. J. *see* Maghraby.

Perrin de Brichambaut, J. Observations de Pigeons ramiers (*Columba p. palumbus*). *Alauda* **24** : 231.

Pertika, J. M. De. Aves canoras del país vasco : el loro de los pinos. *Munibe* **6** 1954 : 147-149. *See* *Pirineos* **10** 31-32 1954 : 286.

Peterle, T. J. Notes on the display of the Red Grouse. *Scot. Nat.* **67** 1955 : 61-64 1 fig.

Peters, H. *see* Aschenbrenner.

Petersen, B. Zum Brutvorkommen des Seggenrohrsängers, *Acrocephalus paludicola* (Vieillot), in Nordwestdeutschland. *J. Orn.* **97** : 249-257.

Petersen, C. M. Studies of the breeding-biology of the Kestrel (*Falco tinnunculus* L.) in Copenhagen. [English summary]. *Dansk Orn. Foren. Tidsskr.* **50** : 134-159.

Petersen, E. T. and Jensen, L. L. The birds of Nissum Fjord (summary). *Dansk orn. Foren. Tidsskr.* **50** : 1-66.

Peterson, W. Family life of the Desert Quail. *Nat. Hist. N.Y.* **64** 1955 : 462-465 figs.

Pettersson, I. and Askaner, T. A fortnight of bird studies in the Faroes. [English summary]. *Vår Fågelv.* **15** : 182-187 fig.

Pettersson, M. From milk bottles to daphne. *Irish Nats.' J.* **12** : 73.

Pettersson, M. (1). Diffusion of a new habit among Greenfinches. *Nature, Lond.* **177** : 709-710.

Pettingill, O. S. Jr. A laboratory and field manual of ornithology. Minneapolis (Burgess Publ. Co.) 1956, 3rd edit. pp. viii + 379 1 pl. text illust.

Pettingill, O. S., Jr. (1). People and penguins of the faraway Falklands. *Nat. geogr. Mag.* **109** : 387-416 figs.

Peus, F. Zur Kenntnis der Brutvögel Griechenlands. *Bonn. zool. Beitr. Sonderband* **1954** : 1-50 20 figs.

Pfeffer-Hülsemann, K. v. Die angeborenen Verhaltensweisen der Sturmmöwe (*Larus c. canus* L.). *Z. Tierpsychol.* **12** 1955 : 434-451 10 figs. [English summary].

Pfeifer, S. Abwehrreaktion von Bläshühnern (*Fulica atra*) gegenüber einer angreifenden Rohrweihe (*Circus aeruginosus*). *Orn. Mitt.* **8** : 53.

Pfeifer, S. (1). Schneebaden beim Tannenhäher und anderen Corviden. *Orn. Mitt.* **8** : 148-149.

Pfeifer, S. (2). Neue Möglichkeiten im Biologischen Pflanzenschutz, Mer Vögel in unsere Wilder. *Umschau* **56** : 268-269 figs.

Pflugbeil, A. Brüten des Mittelsägers auf Schleimünde 1955. *Vogelwelt* **77** : 44-47.

Phelps, W. H. and Phelps, W. H., Jr. Three new birds from Cerro el Teteo, Venezuela, and extensions of ranges to Venezuela and Colombia. *Proc. biol. Soc. Wash.* **69** : 127-134.

Phelps, W. H. and Phelps, W. H., Jr. (1). Five new birds from Rio Chiquito, Tachira, Venezuela and two extensions of ranges from Colombia. *Proc. biol. Soc. Wash.* **69** : 157-165.

Phelps, W. H., Jr. *see* Mayr.

Phelps, W. H., Jr. *see* Wetmore.

Phillips, A. R. The migrations of birds in Northern Arizona. *Plateau* **29** : 31-35.

Phillips, G. C. *see* Owen.

Phillips, R. E. and Black, H. C. A winter population study of the Western Winter Wren. *Auk* **73** : 401-410.

Phillips, W. W. A. The re-occurrence in Ceylon of the Rufous Turtle-Dove — *Streptopelia orientalis* (Latham). *Spolia zeylan.* **27** 1955 : 285.

Piechocki, R. Der Turmfalke. Seine Biologie und Bedeutung für die biologische Schädlingsbekämpfung. Wittenberg Lutherstadt (A. Ziemsen Verlag) 1954 57 pp. 21 illustr. (Neue Brehm-Bücherei Heft 116).

Piechocki, R. (1). Über die Mauser eines gekäfigten Turmfalken (*Falco tinnunculus*). *J. Orn.* **97** : 301–309.

Piechocki, R. (2). Brut der Ringeltaube (*Columba palumbus*) am Gebäude. *Orn. Mitt.* **8** : 34 fig.

Pierce, R. A. Some thoughts concerning the introduction of exotic game birds. *Wilson Bull.* **68** : 80–82.

Piiparinen, T. and others. [Short notes]. *Ornis fenn.* **33** : 74–75, 114–119.

Pinto, O. Aves do Itatiaia. Lista remissiva e novas achegas à avifauna da região. *Bol. Parq. nac. Itatiaia* No. 3 1954 : 1–87 figs.

Pitelka, F. A., Selander, R. K. and Toro, M. A. del. A hybrid Jay from Chiapas, México. *Condor* **58** : 98–106 figs.

Pitelka, A. see Legg.

Pitman, C. R. S. A strange injury to a Ringed Plover (*Charadrius hiaticula tundrae* Lowe). *Bull. Brit. orn. Cl.* **76** : 52.

Pitman, C. R. S. (1). Remarks on the nidification of the Kenya Hill Chat *Pinarochroa sordida ernesti* Sharpe. *Bull. Brit. orn. Cl.* **76** : 107.

Pitman, C. R. S. (2). Some notes on Fox's Swamp Warbler *Calamocichla rufescens foxi* (Sclater). *Bull. Brit. orn. Cl.* **76** : 153–155.

Pitman, C. R. S. (3). Oxpeckers. *Zoo Life* **11** : 21–25.

Pitman, C. R. S. see Benson.

Pitman, R. S. see Serle.

Platt, D. Food of the Crow, *Corvus brachyrhynchos* Brehm, in South-central Kansas. *Publ. Mus. nat. Hist. Univ. Kansas* **8** : 477–498.

Plattner, F. Die Verbreitung des Weisstorchs im Gebiet des Urmiasees, (Iran). *Vogelwarte* **18** : 178–179.

Ploeg, D. T. E. v. d. Vogelschutz in der niederländischen Provinz Friesland. *Orn. Mitt.* **8** : 68–70.

Plótnick, R. Afinidad entre los géneros *Elanus* y *Gampsonyx* (Accipitridae, aves). *Rev. Invest. agric., B. Aires* **10** : 313–315 3 figs.

Plucinski, A. Zur Brutbiologie des Schwarzehlchens *Saxicola torquata rubicola* (L.). *Orn. Mitt.* **8** : 41–43 fig.

Pöder, L. Juhend ornitofenoloogilisteks vaatlusteks. *Abiks Loodus., Tartu* No. 1 1951 : 1–21 2 maps.

Pöder, L. Juhend lindude rõngas-tamiseks. *Abiks Loodus., Tartu* No. 5 1952 : 1–20 1 fig.

Podhradský, V. Ein Beitrag zur Erkennung der Entwicklung der Instinkten in der Onthogenesis der Vögel. [German summary]. *Biologica, Bratislava* **10** 1955 : 237–240 1 fig.

[**Podkovyrkin, B. A.** List of birds of the Kurile ridge]. *Zool. Zh.* **34** 1955 : 1379–1385. [In Russian].

Podkovyrkin, B. A. (1). White Snowy-owl (*Nyctea scandiaca* L.) on the Shumshu-island. [Summary]. *Zool. Zh.* **35** : 1420–1421.

Podkovyrkin, B. A. (2). Contribution to the biology of reproduction of certain birds of the Northern Kuril Isles. [Summary]. *Zool. Zh.* **35** : 1892–1901 7 figs.

Pohl, L. Toujours la Grue Blanche Americaine. *Terre et la Vie* **103** : 104.

[**Pokrovskaya, I. V.** On the feeding of nestlings of the wood-birds in Leningrad province]. *Zool. Zh.* **35** : 98–110. [In Russian].

Pollkläsener, G. Bekassine und Eichelhäher. *Orn. Mitt.* **8** : 96.

Ponce de León, P. D. and Deetjen, H. Über die Vogelwelt der Umgebung von Madrid. *Orn. Mitt.* **8** : 124–126.

Popendiker, K. Die in Vogelnestern lebenden Insekten unter besonderer Berücksichtigung der als Haus- und Vorratsschädlinge auftretenden Arten. *Mitt. hamburg. zool. Mus.* **54** : 49–127.

Porter, S. The nesting of the Malachite Sunbird. *Avicult. Mag.* **62** : 46-53.

P[orter], S. C. Obituary. A. W. P. Robertson (1908-1956). *Brit. Birds* **49** : 492-493.

Portmann, A. Die postembryonale Entwicklung der Vögel als Evolutionsproblem. *Int. orn. Congr.* **11** 1954 [1955] : 138-151 figs.

Portmann, A. (1). Nestflüchter und Nesthocker. *Umschau* **55** 1955 : 631-634 5 figs.

[Pospelov, S. M.] The economic importance of woodpeckers in the forests of the Leningrad Province]. *Zool. Zh.* **35** : 600-605. [In Russian].

Pospíšil, J. and Flasar, I. Smaller contributions to ornithology of the district Olomouc—I. [English summary]. *Sborn. Slovko* **1A** 1954 : 185-186.

Postel, E. Fous de Bassan (*Sula bassana* L.) et Stercoraires (*Stercorarius parasiticus* L.) dans le Golfe de Gabès. *Bull. Soc. Sci. nat. Tunis* **8** 1955 : 155-156 1 fig.

Postel, E. (1). Ornithologie et protection de la nature aux Bibans. *Bull. Soc. Hist. nat. Tunis* **8** 1955 : 317-318 1 fig.

Poulding, R. H. *see* King, B.

Poulsen, C. M. Indtryk fra et besøg på Ertholmene. *Flora og Fauna* **62** : 1-6 8 figs.

Poulsen, H. (1). Experiments on anting by birds. *Int. orn. Congr.* **11** 1954 [1955] : 608-610 fig.

Poulsen, H. (2). A study of anting behaviour in birds. *Dansk Orn. Foren. Tidsskr.* **50** : 267-298 figs.

Poulsen, H. (3). Breeding of the Senegal Combassou in captivity. *Avicult. Mag.* **62** : 177-181.

Pozo Lora, R. A list of 81 kinds of birds in the market of Córdoba from 1947 to 1949. *Arch. Zootecnia* **2** 5 1953 : 53-64.

Pozo Lora, R. (1). Species *Sylvia sarda* Temm. has been found out in Spain. *Arch. Zootecnia* **2** 6 1953 : 157-159.

Pozo Lora, R. (2). Bases zoológicas de la inspección de Aves.

Univ. de Sevilla 1956 : 1-365 78 figs. on pls.

Prakash, R. The heart and its conducting system in the common Indian fowl. *Proc. nat. Inst. Sci. India* **22B** : 22-27 4 pls.

Praygodda, W. Experiments on house sparrows (*Passer domesticus*) with two repellents, "Morkit" and "Morkit" cone (VO 4279). *Höfchen-Briefe*. Engl. edu. **8** 1955 : 251-258.

Precht, H. Über das Heimfindevermögen von Möwen. *Naturwissenschaften* **43** : 406-407.

Precht, H. and Mitarbeiter. Einige Versuche zum Heimfindevermögen von Vögeln. *J. Orn.* **97** : 377-383.

Preston, F. W. The migrant Loons of western Pennsylvania. *Auk* **73** : 235-251.

Prestwich, A. A. Golden-winged Parakeet. *Avicult. Mag.* **62** : 43-45 col. pl.

Prestwich, A. A. (1). Green-winged King Parakeet. *Avicult. Mag.* **62** : 163-165 col. pl.

Prévost, J. Observations écologiques sur le Manchot Empereur (*Aptenodytes forsteri*). *Int. orn. Congr.* **11** 1954 [1955] : 248-251 figs. 2 pls. [English summary].

Prévost, J. and Bourlière, F. Sur le cycle reproducteur de quelques oiseaux antarctiques. *Int. orn. Congr.* **11** 1954 [1955] : 252-257 figs. [English summary].

Pricam, R. Un Goéland argenté méditerranéen sur la Loire. *Alauda* **24** : 73.

Pricam, R. (1). Le Goéland argenté ravisseur de canetons. *Nos Oiseaux* **23** : 218.

Prigogine, A. Quelques nids d'oiseaux de montagne du Congo belge. *Rev. Zool. Bot. afr.* **54** : 54-58.

Pringle, J. A. The Allison Park Bird sanctuary, Pietermaritzburg. *Afr. Wild Life* **10** : 37-39 2 figs.

Prölls, D. Die Ringeltaube (*Columba palumbus* L.) als Stadtbrutvogel in Oldenburg. *Beitr. Naturk. Niedersachs* **9** : 53-59 1 fig.

Prud'homme van Reine, W. J. Plants and animals of the seashore. A

handy guide containing drawings and descriptions of over 450 species of birds, shellfish, seaweeds, fish, etc. London, (John Murray) 1955, pp. vi + 138 frontis. col. 34 pls.

Prud'homme van Reine, W. J. Redacteur. [Bird notes]. *Natura*, Amst. **53** : 13-24.

Prukner, G. Observations of the feeding of the Chaffinch. *Aquila* **59-62** 1955 : 456.

Puente, D., B. J. O. de la. Patos del Peru. *Biota* **1** 1955 : 95-108 figs.

Pun, C. F. *see* Asmundson.

Pynnönen, A. Kanalintujen soittimesta ja aviosuhteista. Luonen Tutkija **59** 1955 : 76-79 2 figs.

Pynnönen, A. Riekkokannan väheytymisen systä keski-Suomen näköpüristä katsottuna. Luonen Tutkija **60** 3 : 77-79.

Quigley, R. and **Dixon**, J. B. Clark Nutcracker on nest, a photograph. *Condor* **58** : 442.

Quinton, W. F. The Saddlebill Stork seen at Beaufort West. *Ostrich* **27** : 91.

Quirós, J. L. B. de. El *Dryocopus martius* (L.) en el centro de España. *Ardeola* **3** : 13-17.

Quirós, J. L. B. de and others. Notas y comunicaciones breves. [English summaries]. *Ardeola* **3** : 173-196.

Rabor, D. S. *see* Ripley.

Radó, A. *Accipiter badius brevipes* Sev. in "Hajduság". *Aquila* **55-58** 1948-51 : 281-282.

Radó, A. (1). Red-breasted Goose's recent occurrence at Hortobágy. *Aquila* **59-62** 1955 : 436.

Radtke, G. A. Winterreviertreue eines Raubwürgers (*Lanius excubitor*). *Vogelwarte* **18** : 157-160.

Radu, D. Le problème du pigeon de roche dans la Republique Populaire Roumaine. [French résumé]. *Bul. sti. Acad. Repub. rom. Sect. Biol., L.* **7** 1955 : 1277-1279 1 fig.

Radvanyi, O. Colony of Little Egret near Abádszalók. *Aquila* **55-58** 1948-51 : 277.

[**Ragozina**, M. N. Influence of the absorbed protein on the development of the digestive tract in domestic duck].

Trud. Inst. Morf. Univ. **14** 1955 : 280-285 14 figs. [In Russian].

[**Ragozina**, M. N. (1). Relationship between the position of the duck embryo in the egg and its position in the hatching period]. *Trud. Inst. Morf. Zhiv.* **14** 1955 : 286-303 5 figs. [In Russian].

Raines, R. J. Goshawk in Cheshire. *Brit. Birds* **49** : 280.

Raines, R. J. (1). Some birds of north east Spain and east Pyrenees. *Northw. Nat. N.S.* **3** : 414-427 map.

Ramsay, A. O. Seasonal patterns in the epigamic displays of some surface-feeding ducks. *Wilson Bull.* **68** : 275-281.

Rand, A. L. First revisor of the Eastern Sapsuckers. *Auk* **73** : 139.

Rand, A. L. (1). Two new birds from Nepal. *Fieldiana, Zool.* **39** : 1-3.

Rand, A. L. (2). Changes in English Sparrow population densities. *Wilson Bull.* **68** : 69.

Rand, A. L. (3). Foot-stirring as a feeding habit of Wood Ibis and other birds. *Amer. Midl. Nat.* **55** : 96-100.

Rand, A. L. (4). Dangerous birds. *Bull. Chicago nat. Hist. Mus.* **27** : 4.

Rand, A. L. and **Traylor**, M. A. Manual de las Aves de El Salvador San Salvador (Univ. de El Salvador) 1954 pp. iv + 308 text illust.

Rand, R. W. Cormorants on Marion Island. *Ostrich* **27** : 127-133.

Randall, K. and **Harrison**, J. G. A case of avian tuberculosis in a wild Wigeon. *Bull. Brit. orn. Cl.* **76** : 42-46.

Rankin, N. and others. Editors. Royal Naval Bird-watching Society. *Sea Swallow* **9** : 1-35.

Rappe, A. *Corvus frugilegus* L. et *Columba livia* L. *Gerfaut* **46** : 41-43.

Rashkevich, N. A. On the ecology of *Lanius minor* in the forest plantations in the Salsk-Steppe. [Summary]. *Zool. Zh.* **35** : 1379-1383.

Rasmussen, S. R. Nogle fugleagttagelser. *Flora og Fauna* **62** : 76-80 2 figs.

Raspini, R. Le Pic noir en Haute-Marne. *Alauda* **24** : 147.

Rauh, W. Guano. Umschau **56** : 460-461 figs.

Rauhe, H. Auffallende Häufung der Sperbergrasmücke (*Sylvia nisoria*) zwischen Elb- und Wesermündung. Orn. Mitt. **8** : 24-27 figs.

Rawdon, B. B. A specimen record of the Angola Kingfisher (*Halcyon senegalensis cyanoleucus* (Veillot)) for the Eastern Cape. Ostrich **27** : 40.

Rawdon, B. B. (1). Birds in the Ngoye Forest. Afr. Wild Life **10** : 163-165.

Raynor, G. S. Meteorological variables and the northward movement of nocturnal land bird migrants. Auk **73** : 153-175 figs.

Reboussin, R. Observations sur les oiseaux du Loir-et-Cher (suite). Oiseau **26** : 4-18.

Rechnitzer, A. B. Land birds at sea off southern California. Condor **58** : 388.

Rechnitzer, A. B. (1). Foraging habits and local movements of the Wood Ibis in San Diego County, California. Condor **58** : 427-432 fig.

Redman, P. S. Notes on selected migrants at Cap Gris Nez, North France, in 1955. Brit. Birds **49** : 396-397.

Reese, C. R. see Borrer.

Reeve, E. and Ford, T. W. Spoonbill in Staffordshire. Brit. Birds **49** : 280.

Régnier, R. Contribution à l'étude du comportement du Corbeau-Freux (*Corvus frugilegus*) en France. Int. orn. Congr. **11** 1954 [1955] : 506-509.

Reichart, G. *Perdix p. perdix*—Partridge—destroying *Erannis defoliaria*. Aquila **55-58** 1948-51 : 310.

Reichel, M. Démonstration d'un modèle structural de la plume. Int. orn. Congr. **11** 1954 [1955] : 284-286 figs.

Reichenow, A. Vogelbilder aus fernen Zonen-Papageien. Abbildungen und Beschreibungen. Zweite, unter Mitwirkung von Hans von Boetticher neu bearbeitete und ergänzte Auflage von Joachim Steinbacher erweitert durch eine Zusatztafel von Karl Grossmann. Pfungstadt/Darmstadt (Verlag Gottfried Helène) 1955 148 pp. 34 col. pls.

Reid-Henry, D. M. The Scarlet Tanagers of North and South America. Avicult. Mag. **62** : 91-93 col. pl.

Reimers, N. F. The role of mammals and birds in restoration of the cedar woods in PreBaikal]. Zool. Zh. **35** : 595-599. [In Russian].

Reinsch, H. H. Eismöwe (*Larus hyperboreus*) im Sommer auf Amrum. Orn. Mitt. **8** : 32-33.

Reinsch, H. H. (1). Ein Beitrag zur Balz des Rotschenkels (*Tringa totanus*). Orn. Mitt. **8** : 126-128 fig.

Rémy, J. M. Observations sur des vols de Cigognes au Sahara central. Oiseau **26** : 152-153.

Rensch, I. and B. Relative Organmasse bei tropischen Warmblütern. Zool. Anz. **156** : 106-124.

Requate, H. Die Jagdtiere in dem Nahrungsresten einiger frühgeschichtlicher Siedlungen in Schleswig-Holstein : Ein Beitrag zur Faunengeschichte des Landes. Schr. naturw. Ver. Schl.-Holst. **28** : 21-41.

Reuterwall, O. F. Collared Turtle Dove (*Streptopelia decaocto*) breeding in the province of Halland in south-western Sweden, in 1956. Vår Fågelv. **15** : 262-268 figs.

Ribaut, J. P. Chant d'un Pouillot fitis en décembre. Nos Oiseaux **23** : 180.

Rice, D. W. Dynamics of range expansion of Cattle Egrets in Florida. Auk **73** : 259-266.

Richter, H. Kranichzug an der Müritz. Vogelwelt **77** : 97-108 figs. 2 pls.

Ride, W. D. L. and others. Proposed use of the plenary powers to validate the specific name *punctata* as the name for the Hottentot Teal. Bull. zool. Nom. **12** : 35-48.

Ridley, M. W. see Ash.

Ridpath, M. G. and Murton, R. K. Bird Damage—a biological problem. Agric. Review **25** : 39-42.

Ridpath, M. G. see Taylor, A.

Riggs, C. D. Height of a flock of migrating ducks. Auk **73** : 556.

Riggs, C. D. (1). Nesting of the Mountain Bluebird in Cleveland County, Oklahoma. Wilson Bull. **68** : 72.

Rijsdijk, A. Een nieuwe waarneming van de Reuzenstern, *Hydroprogne caspia* (Pall.). *Ardea* **44** : 243.

Riney, T. and Miers, K. Initial banding of *Notornis mantelli* 1952. *Notornis* **6** : 181-184 figs.

Ringleben, H. Einige vogelkundliche Früh- und Spätbeobachtungen in Niedersachsen : 12-14. Blesshuhn-Albino auf den Laatzener Teichen : 22. Beitr. Naturh. niedersachs. **9**.

Ringleben, H. (1). Kanadagänse (*Branta canadensis*) in Deutschland. *Orn. Mitt.* **8** : 185-187.

Ringuelet, R. A. Ubicacion zoogeografica de las Islas Malvinas. *Rev. Mus. La Plata (Zool.)* **6** 1955 : 419-464.

Ripley, D. Search for the Spiny Babbler. Bird hunting in Nepal. London (Gollancz) 1953 pp. xii + 301 1 map.

Ripley, S. D. (1). A new White-throated Spinetail. *Postilla No.* **23** 1955 : 1-2.

Ripley, S. D. and Rabor, D. S. Birds from Canlaon Volcano in the highlands of Negros Island in the Philippines. *Condor* **58** : 283-291.

Ripley, S. D. and Watson, G. E., 3rd. Cuban birds notes. *Postilla No.* **26** : 1-6.

Rising, G. R. The January waterfowl count : II. *Kingbird* **6** : 40-42.

Rittinghaus, H. Untersuchungen am Seeregenpfeifer (*Charadrius alexandrinus* L.) auf der Insel Oldecoog. *J. Orn.* **97** : 117-155 2 pls.

Rittinghaus, H. (1). Etwas über die "indirekte" Verbreitung der Ölpst in einem Seevogelschutzgebiet. *Orn. Mitt.* **8** : 43-46 figs.

Rittinghaus, H. (2). Über das Verlassen der Brutöhle und den Folgetrieb bei jungen Brandenten. *Natur u. Volk* **86** : 168-173 5 figs.

Rittinghaus, H. (3). Vermag das Betteln des Jungvogels sexuelles Verhalten beim Altvogel auszulösen. *Vogelwelt* **77** : 116-118.

Rivoire, A. and Hüe, F. Quatre jours à Port-Cros. *Alauda* **24** : 132-138.

Rivoire, A. and Sorgue, L. de S. de. Le Rouge—queue tithys nicheur en Arles. *Oiseau* **26** : 246.

Roberts, B. and Atkinson, R. The Haskeir rocks, North Uist. *Scot. Nat.* **67** 1955 : 9-18.

Roberts, H. A. Breeding tactics of the two Honey-Guides, *Indicator indicator* (Sparrman) and *Indicator minor* Stephens. *Bull. Brit. orn. Cl.* **76** : 114.

Robertson, T. Records of the arrival of summer birds—summary of results : 236-240. List of first arrivals of summer birds in Clyde area in 1955. Compiled from reports of members and friends. *Glasg. Nat.* **17** : 257-258.

Robinson, A. The annual reproductive cycle of the Magpie, *Gymnorhina dorsalis* Campbell, in southwestern Australia. *Emu* **56** : 235-336 pls. figs.

Robinson, A. Grey Butcher-bird (*Cracticus torquatus*) is it cannibalistic? *W. Aust. Nat.* **5** : 141.

Robinson, C. Observations in the nesting of a pair of Laughing Doves. *Ostrich* **27** : 70-75.

Robson, R. W. The breeding of the Dipper in north Westmorland. *Bird Study* **3** : 170-180.

Rojas, P. Los patos silvestres en México. I : **15** 1954 : 95-139 figs. maps. Los patos silvestres México. II. Patos buzos, mergos, patos enmascarados y patos arbóneos. *Rev. Soc. mex. Hist. nat.* **16** 1955 : 119-166 9 figs.

Rollin, N. Song output of unstimulated Skylark. *Brit. Birds* **49** : 218-220 fig.

[**Romanovski, D. M.** Industrial hybridization of fowl in State farm "Kommunarka"]. *Trud. Inst. genet. Leningrad* **22** 1955 : 260-270. [In Russian].

Rooke, K. B. Orphean Warbler in Dorset. *Brit. Birds* **49** : 180.

Rooke, K. B. Report on Dorset birds, 1954. *Proc. Dorset nat. Hist. & arch. Soc.* **76** : 157-170 map.

Rooke, K. B. and others. Report on Dorset birds, 1955. *Proc. Dorset nat. Hist. arch. Soc.* **77** : 56-77 map.

- Rooke, K. B.** *see* Ash.
- Rooth, J.** Vreemd broedgedrag. *Levende Nat.* **59** : 225-230 6 figs.
- Rosenberger, W.** Die Vogelwelt der Würzburger Parkanlagen. *Abh. naturw. Ver. Würzburg* No. 1 : 1-47 map.
- Rosenberger, W. (1).** Erste leiernde Mönchsgasmücke in Würzburg. *Orn. Mitt.* **8** : 77.
- Rosenberger, W. (2).** Der Bergfink (*Fringilla montifringilla*) in Deutschland im Winterhalbjahr 1954/55. *Orn. Mitt.* **8** : 81-89.
- Rosenberger, W. (3).** Uferschwalben (*Riparia riparia*) brüten in einer Kaimauer. *Orn. Mitt.* **8** : 109 figs.
- Rossi, I.** Uccisione di un Pollo sultano in quel di Borgo S. Siro (Pavia). *Riv. ital. Orn.* **26** : 91.
- Roth, H.** Knochenverdauung bei einem jungen Steinkauz (*Athene noctua* Scop.). *J. Orn.* **97** : 90-91.
- Rothschild, M.** Diurnal movements of the Mountain Chough (*Pyrrhonorax graculus*) in the Wengen and Kleine Scheidegg (Bernese Oberland) areas during the months of January, February and March. *Int. orn. Congr.* **11** 1954 [1955] : 611-617.
- Rourke, D. O'D.** On keeping owls in captivity. *Niger. Fld.* **21** : 28-35 2 figs.
- Rousseau, Y.** Observations ornithologiques à Paris durant l'hiver. *Oiseau* **26** : 157.
- Roustamov, A.** La faune avienne des déserts de l'U.R.S.S. *Int. orn. Congr.* **11** 1954 [1955] : 510-515.
- Roux, F. and Veuillet, J.** Visites d'été au refuge de la pointe d'Arçay. *Oiseau* **26** : 54-58 2 pls.
- Roux, G.** Une Alouette calandrelle au Belpmoos. *Nos Oiseaux* **23** : 179.
- Rowan, M. and Bernis, F.** Barbate (Cadiz) y su colonia de garzas. *Ardeola* **3** : 71-81. [English summary].
- Rowell, C. H. F.** *see* Davies, S. J. J. F.
- Rudd, R. L.** *see* Genelly.
- Rudebeck, G.** Aves. I. Hanström, S. African Animal Life **2** Stockholm 1955 : 426-576.
- Rudebeck, G. (1).** Some aspects on bird migration in the western palaearctic region. *Hanström Festschrift*, Lund : 257-268.
- Rusconi, C.** Material teratologica en el Museo de Mendoza. *Rev. Mus. Hist. nat. Mendoza* **3** 2 1949 : 95-137 36 figs.
- Rusk, M. and Ryan, I. M. N.** Harlequin Duck in Shetland. *Brit. Birds* **49** : 36.
- Russak, M. L.** Tree Sparrows (*Spizella arborea*) feeding on the Common Reed. *Auk* **73** : 288.
- Russell, W. C.** *see* Miller, A. H.
- Rustad, O. A.** Acorns : an important wildlife food. *Flicker, Minnesota* **28** : 22-23 figs.
- Rustad, O. A.** Leisure-time study of birds. *Flicker, Minnesota* **28** : 105-115.
- Ruthke, P.** Graumammer-Albino. Fünfergelege vom Säbelschnäbler. *Vogelwelt* **77** : 30.
- Rutler, G.** *see* Allen, R. H.
- Ruttledge, R. F.** Short-toed Lark in Co. Wexford. *Brit. Birds* **49** : 233.
- Ruttledge, R. F. (1).** An ornithological visit to Inishmurray. *Irish Nats.' J.* **12** : 28-29.
- Ruwet, J. C.** Note complémentaire sur l'ouverture des bouteilles de lait par les Mesanges charbonnières (*Parus major* L.) et Nonnettes (*P. palustris* L.). *Gerfaut* **46** : 301-303.
- [Ryabov, V. F.]** Bird ringing in Soviet Union]. *Trud. Bird. ring Bur.* **8** 1955 : 5-10. [In Russian].
- [Ryabov, V. F. and Shevareva, T. P.]** Results obtained from ringing Rooks]. *Trud. Bird ring. Bur.* **8** 1955 : 104-122. [In Russian].
- Rydzewski, W.** The nomadic movements and migrations of the European Heron (*Ardea cinerea*). *Int. orn. Congr.* **11** 1954 [1955] : 652-654.
- Rydzewski, W. (1).** Editor. *Ring* No. 6-9 (1 Altyre Rd., Croydon, Surrey).
- Rydzewski, W. (2).** The nomadic movements and migrations of the European Common Heron, *Ardea cinerea* L. *Ardea* **44** : 71-188 figs.

Sabine, W. S. Integrating mechanisms of winter flocks of Juncos. *Condor* **58** : 334-337.

Sacarrão, G. F. Esquema duma classificação geral das aves. *Naturalia* **5** 1955 : 108-114 1 fig.

Sacarrão, G. F. Oalgarve. Alguns apontamentos sobre o seu interesse ornitológico. *Naturalia* **5** 1955 : 165-180 8 figs.

Sachs, F. Limicolenzug über den Odenwald. *Orn. Mitt.* **8** : 194-195.

Sáez-Royuela, R. Recuperacion de anillas en la Península Ibérica. Lista no. 1 de la Sociedad Española de Ornitología. *Ardeola* **3** : 83-89.

Sáez-Royuela, R. (1). Datos sobre aves anilladas capturadas en la Península Ibérica (I). *Bol. Soc. esp. Hist. nat. Secc. Biol.* **50** 1952 : 17-50.

Sáez-Royuela, R. (2). Captura en España de *Eremophila alpestris flava* (Gmelin) 1788, anillada en Suecia. *Bol. Soc. esp. Hist. nat. Secc. Biol.* **50** 1 1952 : 153-154.

Sáez-Royuela, R. and Valverde, J. A. Sobre una captura de *Egretta* (*Demigretta*) *gularis* en España. *Ardeola* **3** : 91-92.

Sage, B. Notes on the birds of Caldey and St. Margaret's islands, Pembrokeshire. *Nature in Wales* **2** : 333-340 1 pl.

Sage, B. L. House Martins perching on tree to feed. *Brit. Birds* **49** : 182.

Sage, B. L. (1). On the occurrence of "mottled" plumage in the Carrion-Crow *Corvus corone corone* L. *Bull. Brit. orn. Cl.* **76** : 13-14.

Sage, B. L. (2). A summary of the known geographical distribution of mutant "mottled" Rooks. *Bull. Brit. orn. Cl.* **76** 1956 : 25-28 fig.

Sage, B. L. (3). A note on variation in the colour of the legs and plumage of the Wren *Troglodytes t. troglodytes*. *Bull. Brit. orn. Cl.* **76** : 32.

Sage, B. L. (4). Notes on an aberrant Carrion Crow *Corvus corone corone* Linnaeus obtained in Hertfordshire. Wood-Pigeon *Columba palumbus palumbus* Linnaeus with odd-coloured eyes. *Bull. Brit. orn. Cl.* **76** : 64-65.

Sage, B. L. (5). On some examples of melanism in the genus *Parus* Lin-

naeus. *Bull. Brit. orn. Cl.* **76** : 130-132 fig.

Sage, B. L. (6). Remarks on the racial status, history and distribution of the Tree Sparrow introduced into Australia. *Emu* **56** : 137-140.

Sage, B. L. The birds of Elstree (Aldenham) reservoir. Additions and corrections. *Trans. Herts. nat. Hist. Soc.* **24** : 179-184.

Sage, B. L. and Cooper, M. Tawny Pipit in Middlesex. *Brit. Birds* **49** : 330.

Sage, B. L. and Jenkins, A. R. White-winged Lark in Hertfordshire. *Brit. Birds* **49** : 41.

Sage, B. L. and Pennie, I. D. Great Skuas on the Scottish mainland. *Brit. Birds* **49** : 284.

Sage, B. L. and Sheldon, A. B. The status of the Lesser Black-backed Gull in Hertfordshire. *Brit. Birds* **49** : 306-309 fig.

Sághy, A. Contributions to the bird-life of the Gerecse Mountains and the Middle-Danube. *Aquila* **59-62** 1955 : 199.

St. Croix, O. H. de. The duck season in north India. *J. Bombay nat. Hist. Soc.* **53** : 473.

Saint-Paul, U. von. Compass directional training of Western Meadowlarks (*Sturnella neglecta*). *Auk* **73** : 203-210.

Salmon, H. M. Ornithological notes, 1953-54. *Trans. Cardiff Nat. Soc.* **83** : 22-24 1 pl.

Solomonsen, F. Evolution and bird-migration. *Int. orn. Congr.* **11** 1954 [1955] : 337-339.

Salomonsen, F. (1). The food production in the sea and the annual cycle of Faerrese marine birds. *Oikos* **6** 1955 : 92-100 1 fig.

Salomonsen, F. (2). Prof. dr. phil. Carl Wesenberg-Lund 22 dec. 1867-12 nov. 1955. *Dansk orn. Foren. Tidsskr.* **50** : 85-89 portrait.

Salomonsen, F. (3). Dansk Ornithologisk Forenings oprindelse og udvikling. Tale holdt ved foreningens 50 års jubilæum, 15 oktober 1956. *Dansk Orn. Foren. Tidsskr.* **50** : 253-266.

Salomonsen, F. (4). The Greenland bird-ringing scheme. *Polar Rec.* **8** 54 : 270-271.

Sammalisto, L. Secondary intergradation of the Blue-headed and Grey-headed Wagtails (*Motacilla f. flava* L. and *Motacilla f. thunbergi* Billb.) in South Finland. *Ornis fenn.* **33** : 1-19 fig.

Sanden, W. v. Starker Eichelhäherzug (*Garrulus glandarius*). *Orn. Mitt.* **8** : 16.

Sanden, W. v. (1). Sibirische Drossel (*Turdus sibiricus*) am Dämmer. *Orn. Mitt.* **8** : 52.

Sanden-Guja, W. Nest der Trauerseeschwalbe (*Chlidonias nigra*) auf gekentertem Boot. *Orn. Mitt.* **8** : 77 fig.

Sander, F. A list of birds of Lagos and its environs, with brief notes on their status. *Niger. Fld.* **21** : 147-162.

Sansom, M. L. Two nesting colonies of Stewart Island Shags. *Notornis* **7** : 16-20 fig.

Sapin-Jaloustre, J. Quelques aspects de la vie du Manchot Adélie en Terre Adélie. *Int. orn. Congr.* **11** 1954 [1955] : 231-240 figs. [English summary].

Sárközy, M. Common Sheld-Duck at the fish-ponds near Rétszilas. *Aquila* **59-62** 1955 : 436.

Sauer, F. Entwicklung und Regression angeborenen Verhaltens bei der Dorngrasmücke (*Sylvia c. communis*). *Int. orn. Congr.* **11** 1954 [1955] : 218-226 figs. [with English summary].

Sauer, F. (1). Über das Verhalten junger Gartengrasmücken, *Sylvia borin* (Bodd.). (Entwicklung und Spiele). *J. Orn.* **97** : 156-189 4 pls. figs.

Saunders, A. A. The growth of a Chickadee's tail feathers. *Auk* **73** : 560.

Saunders, A. A. (1). Descriptions of newly-hatched passerine birds. *Bird-Banding* **27** : 121-128 fig.

Saunders, A. A. (2). The songs of birds. *Jack-Pine Warbler* **34** : 3-5.

Sauter, U. Ringweiderfunde niedersächsischer und westfälischer Schleiereulen (*Tyto alba*). *Beitr. Naturk. niedersachs.* **8** 1955 : 114-118.

Sauter, U. (1). Beiträge zur Ökologie der Schleiereule (*Tyto alba*)

nach den Ringfunden. *Vogelwarte* **18** : 109-151.

Sawyer, E. J. Bird houses, baths and feeding shelters. How to make and where to place them. *Bull. Cranbrook Inst. Sci.* No. 1 5th edn. 1955 : 1-36 5 figs.

Schaefer, Dr. Ein Massenschlafplatz der Weissen Bachstelze (*Motacilla alba*). *Orn. Mitt.* **8** : 93.

Schäfer, E. Resultados parciales de una investigación comparativa de biología de incubación de *Psarcolius decumanus* (Conoto negro) y *Psarcolius augustifrons* (Conoto verde). *Bol. Acad. Cienc., Caracas* **16** 51 1953 : 157-169 figs.

Schäfer, M. M. Das Blaukehlchen im Lande Salzburg. *Mitt. naturw. Arbeitsgem.* **5-6** : Zool. 68-69.

Schenk, H. Im Freien gebaute Starnester. *Orn. Mitt.* **8** : 95.

Scherl, L. Ergebnisse einer Storch-Bestandszählung 1952-1955 in Niederbayern und der Overpfalz. *Anz. Orn. Ges. Bayern* **4** : 434-446.

Schifferli, A. Vogelschutz. Künstliche Schwalbennester. *Orn. Beob.* **53** : 41-43 figs.

Schifferli, A. and Ziegeler, R. Begegnung mit Dreizehenspecht im Engadin. *Orn. Beob.* **53** : 1-5 2 pls.

Schildmacher, H. Photoperiodizität des Stoffwechsels beim Vogel. *Int. orn. Congr.* **11** 1954 [1955] : 655-657.

Schildmacher, H. (1). Physiologische Untersuchungen am Grünfinken *Chloris chloris* (L.) im künstlichen Kurztag und nach "hormonaler Sterilisierung". *Biol. Zbl.* **75** : 327-355 10 figs.

Schildmacher, H. (2). Die Vogelwelt der Insel Hiddensee. *Wiss. Z. E.M. Arnat. Univ. Greifswald. Math.-Nat. R.* **5** : 389-408.

Schlotter, H. Seltene Brutvögel im nördlichen Bourtanger Moor. *Beitr. Naturk. Niedersachs.* **9** : 49-52 4 figs.

Schmidt, F. Mischgelege von Kohlmeise (*Parus major*) und Trauerschnäpper (*Muscicapa hypoleuca*). *Orn. Mitt.* **8** : 35.

Schmidt, G. Nächtliche Jagd auf Schmetterlinge durch Möwen. Vogelwelt **77** : 62.

Schmidt, G. Schilfblattkäfer als Vogelnahrung. Vogelwelt **77** : 157.

Schmidt, G. A. J. Leise singendes Weibchen der Amsel (*Turdus merula*). Orn. Mitt. **8** : 111.

Schmidt-Koenig, K. Über Rückkehr, Revierbesetzung und Durchzug des weissternigen Blaukelchens (*Luscinia svecica cyaneula*) im Frühjahr. Vogelwarte **18** : 185–197.

Schmitz, F. [and **Lischka, W.**] Dreizehenmöwe (*Rissa tridactyla*) bei Aachen [an der Regnitz]. Orn. Mitt. **8** : 52.

Schmitz, J. Die Singvögel der westfriesischen Insel Ameland. Orn. Mitt. **8** : 187–190.

Schnabel, E. Beringungs-Ergebnisse an fränkischen Vögeln. Anz. Orn. Ges. Bayern **4** 5 1955 : 310–343.

Schnabel, E. Bemerkenswerte Wiederfunde beringter frankischer Vögel. Nachr. naturw. Mus. Aschaffenburg No. 53 : 46–50.

Schneider, W. Die Lebensdauer und Brutgrösse beim mitteldeutschen Star. Int. orn. Congr. **11** 1954 [1955] : 516–521.

Schnurre, O. Über einige strittige Fragen aus dem Leben der beiden Milanarten. Vogelwelt **77** : 65–74.

Schodde, R. Olive-backed Oriole (*Oriolus sagittatus*). S. Aust. Nat. **30** : 36.

Schodde, R. (1). Some birds of the Burra Creek. S. Aust. Orn. **22** : 3–5.

Schodde, R. see Glover.

Schönbeek, H. Zur Verbreitung einiger Vogelarten in der Steiermark. Mitt. naturw. Ver. Steiermark **85** 1955 : 124–130.

Schorger, A. W. Some early drawings of Canadian birds. Auk **73** : 132.

Schouteden, H. De Vogels van Belgisch Congo en van Ruanda-Urundi. VIII—Passeriformes—(3). Ann. Mus. Congo belg. Zool. Ser. **4** 5 : 1–236 233 figs.

Schouteden, H. (1). Quelques oiseaux du Congo belge. Rev. Zool. Bot. Afr. **53** : 226–228.

Schouteden, H. (2). *Lonchura bicolor woltersi* nov. ssp. (Aves, Ploceidae). Rev. Zool. Bot. afr. **54** : 272–273.

Schroder, H. H. The Florida Grasshopper Warbler. Audubon Mag. **58** : 70–71 figs.

Schultz, V. A study of Mourning Dove mortality in the Southwest. J. Tenn. Acad. Sci. **31** : 275–287 3 figs.

Schumann, H. Ein Fischreiher kreist im Aufwind. Orn. Mitt. **8** : 149.

Schumann, H. (1). Erbllicher Federmangel beim Geflügel. Umschau **56** : 198–200 3 figs.

Schüz, E. Über den Altersaufbau von Weissstorchpopulationen. Int. orn. Congr. **11** 1954 [1955] : 522–528.

Schüz, E. (1). Vom Frühjahrs-Durchzug der Wiesenstelze (*Motacilla flava*) an der Südküste des Kaspischen Meeres. Vogelwarte **18** : 169–177 fig.

Schuz, E. [and **Seilkopf, H.**] Schleiereule (*Tyto alba*) über dem Atlantik. Vogelwarte **18** : 223.

Schüz, E. see Kuhn.

Schwartzkopff, J. Schallsinnesorgane, ihre Funktion und biologische Bedeutung bei Vögeln. Int. orn. Congr. **11** 1954 [1955] : 189–208 figs.

Schwartzkopff, J. (1). Was wissen wir von der Schall-Ortung der Vögel? Umschau **55** 2 1955 : 35–37 3 figs.

Schwartzkopff, J. (2). Die Grössenverhältnisse von Trommelfell Columella-Fussplatte und Schnecke bei Vögeln verschiedenen Gewichts. Z. Morph. Ökol. Tiere **45** : 365–378.

Schwarz, M. Über die Variationsbreite der Camargue-Schafstelzen (*Motacilla flava*) und die Schafstelzen-Einwanderung in die Schweiz. Orn. Beob. **53** : 61–72 2 pls. figs.

Scott, P. A population study of the Pink-footed Goose. Proc. Linn. Soc. Lond. **166** : 15.

Scott, P. (1). Black Duck and Ring-necked Duck. Brit. Birds **49** : 49 col. pl.

Scott, P. and others. Some photographic studies of the Pink-footed Goose. Brit. Birds **49** : 172–173 8 pls.

Scott, R. A. Breeding the Black Tanager. Avicult. Mag. **62** : 202–209.

[**Sdobnikov**, V. M. Changes in bird fauna of Northern Taïmir]. *Priroda* **6** : 109-110 2 figs. [In Russian].

Seaton, C. Further notes on sunbirds at home. Birds at Edge Hill. *N. Qd. Nat.* **24** 114 : 21-23.

Sedgwick, E. H. Bird-life at Wooroloo : Part II. *W. Aust. Nat.* **5** : 63-70.

Sefton, A. R. Unusual nesting sites. *Emu* **56** : 81.

Sefton, A. R. *see* Gibson.

Seiskari, P. The nesting of Lapwing on raised bogs (Hochmoore). [English summary]. *Ornis fenn.* **33** : 32.

Seiskari, P. and **Koshimies**, J. Ecological evidence of racial divergence in the Capercaillie, *Tetrao urogallus* L., in Finland. *Pap. Game Res. Helsingf.* No. 16 1955 : 1-11 11 figs.

Selander, R. K. Additional record of the Piñon Jay in Mexico. *Condor* **58** : 239.

[**Semenov**, S. M. Device for catching birds in artificial nests]. *Trud. Bird ring. Bur.* **8** 1955 : 185-187 fig. [In Russian].

Serle, W. A new race of Babbler from West Africa. *Bull. Brit. orn. Cl.* **76** : 22-23.

Serle, W. (1). Exhibition of eggs of *Charadrius forbesi* (Shelley). *Bull. Brit. orn. Cl.* **76** : 79 fig.

Serle, W. (2). Notes on *Anomalophrys superciliosus* (Reichenow) in West Africa with special reference to its nidification. *Bull. Brit. orn. Cl.* **76** : 101-104.

Serle, W. (3). Taxonomic notes on *Cinnyris chloropygius* (Jardine). *Bull. Brit. orn. Cl.* **76** : 104-105.

Serle, W. (4). Migrant land birds at sea off West Africa. *Ibis* **98** : 307-311.

Serle, W. (5). The Splendid Sunbird (*Cinnyris coccinigaster* (Latham)] *Niger. Fld.* **21** : 78.

Serle, W. and **Pitman**, R. S. Remarks on the nidification of the Forest-Robin *Stiphornis erythrothorax* Hartlaub. *Bull. Brit. orn. Cl.* **76** : 85-86.

Serventy, D. L. A Japanese recovery of an Australian-ringed *Puffinus tenuirostris*. *Ibis* **98** : 316.

Serventy, D. L. (1). Age at first breeding of the Short-tailed Shearwater *Puffinus tenuirostris*. *Ibis* **98** : 532.

Serventy, D. L. (2). A method of sexing petrels in field observations : a banding technique for burrowing petrels. *Emu* **56** : 211-218 pl. fig.

Serventy, D. L. and **Marshall**, A. J. Factors influencing testis coloration in birds. *Emu* **56** : 219-222 pl.

Serventy, D. L. *see* Lysaght.

Serventy, D. L. *see* Marshall, A. J.

Serventy, V. Birds of Queen Victoria Spring. *W. Aust. Nat.* **5** : 102-107 3 figs.

Sevesi, A. Una rarissima opera italiana di ornitologia del Settecento. *Riv. ital. Orn.* **26** : 105-114 fig.

Šforza, L. C. and others. Affinità sierologiche interspecifiche e intraspecifiche nel genere *Columba*. Nota 1. —Differenze sierologiche fra *C. livia*, *C. guinea*, *C. palumbus* e *C. albitorques*. *Boll. Zool.* **21** 1954 : 253-260.

[**Shalumovich**, V. N. Study of the yolk-film in hen's egg using luminescent and ultra-violet microscopy and some other methods]. *C.R. Acad. Sci. URSS.* **105** 3 1955 : 584-585 pl. [In Russian].

Sharland, M. Birds of Tasman Peninsula. Population rise in two seabirds. *Emu* **56** : 69-79 2 pls.

Sharland, M. (1). King Penguin remains. *Emu* **56** : 206.

S[harland], M. S. R. Obituary. Jane Ada Fletcher. *Emu* **56** : 149 pl.

Sharma, G. P., **Gupta**, B. L. and **Nayar**, K. K. Spermatogenesis of the domestic fowl, *Gallus domesticus*. *Res. Bull. Panjab Univ.* No. 93 : 139-151 4 pls.

Shaub, M. S. [and **Downs**, E. H.] Eastern Evening Grosbeak summer records. *Bird-Banding* **27** : 166-170.

Sheffield, O. C. Prairie Warbler breeding in Texas. *Wilson Bull.* **68** : 76.

Shephard, J. B. Spotted Redshank (*Tringa erythropus*) at Port Alfred. *Ostrich* **27** : 40.

[**Shestakova**, G. S. The problem of the bird's wing penetration]. (Experimental study of bird flight) : 14-31 19 figs. [Structure of the wing surface and its significance for the aerodynamics of birds] : 32-58 50 figs. [Morphological grounds in differences of flight in Lariformes]. Trud. Inst. zool. Morf. Zhiv. **9** 1953 : 59-75 10 figs. [In Russian].

[**Shevareva**, T. P. Some factors in biology of the Mediterranean Gull (*Larus melanocephalus*) disclosed by ringing]. Trud. Bird ring. Bur. **8** 1955 : 46-90 12 figs. [In Russian].

[**Shtegman**, B. K. The adaptive peculiarities and phylogenetic interrelationship in Corvidae]. Zool. Zh. **34** 1955 : 1357-1378 12 figs. [In Russian].

Shtegman, B. K. (1). Sparrows in Kazakhstan and the development of their control. Zool. Zh. **35** : 1203. Summaries : 11.

Sibley, C. G. The contribution of avian taxonomy. Syst. Zool. **3** 1954 : 105-110 3 figs.

Sibley, C. G. (1). Ornithology. A Century of Progress in the Natural Sciences 1853-1953, San Francisco 1955 : 629-659.

Sibley, C. G. (2). A white-throated Golden-crowned Sparrow. Condor **58** : 294.

Sibley, C. G. (3). The aftershaft in jacamars and puff-birds. Wilson Bull. **68** : 252-253.

[**Sibson**, R. B.] Classified summarised notes. Notornis **6** : 193-216.

Sibson, R. B. Asiatic Black-tailed Godwits in the Firth of Thames. Notornis **7** : 58.

Sibson, R. B. and others. A freshwater colony of Pied Shags (*P. varius*) at Takapuna. Notornis **7** : 20-25.

Sick, H. Nistweisen brasilianischer Segler. Int. orn. Congr. **11** 1954 [1955] : 618-622 figs.

Sick, H. (2). O aspecto fitofisionômico da paisagem do médio Rio das Mortes, Mato Grosso, e a Avifauna da região. Arq. Mus. nac. Rio de J. **42** 1955 : 541-566 10 pls. map.

Sick, H. (3). O anambé prêto, *Cephalopterus ornatus* Geoffroy St.-Hilaire

(Cotingidae, Aves). Rev. bras. Biol. **15** 1955 : 361-376 6 figs.

Siegenthaler, S. Beobachtungen am Waldkauz (*Strix aluco*). Orn. Beob. **53** : 10-13.

Sielmann, H. Zur Biologie der Spechte (Film). Int. orn. Cong. **11** 1954 [1955] : 632 pls.

Sielmann, H. (1). Zur Biologie der Spechte. Verh. dtsch. zool. Ges. **19** : 325-327.

Sikes, S. K. Pluto the Hornbill (*Bucorvus abyssinicus* (Boddaert)). Niger. Fld. **21** : 79-84 3 figs.

Simmons, K. E. L. Feather-eating and pellet-formation in the Great Crested Grebe. Brit. Birds **49** : 432-435.

Simmons, K. E. L. (1). Territory in the Little Ringed Plover *Charadrius dubius*. Ibis **98** : 390-397.

Simmons, K. E. L. see McCartan.

Simms, E. The conversational calls of birds as revealed by new methods of field recording. Int. orn. Congr. **11** 1954 [1955] : 623-626.

Sims, R. W. Birds collected by Mr. F. Shaw-Mayer in the Central Highlands of New Guinea 1950-1951. Bull. Brit. Mus. (nat. Hist.) Zool. **3** : 387-438 2 pls. 2 figs.

Sivicki, B. The Brazilian Muscovy Duck. Arh. polj. nauka **8** 21 1955 : 21-30 1 fig.

[**Skalon**, V. N. On the migration routes of birds in North Western Siberia]. Trud. Bird ring. Bur. **8** 1955 : 169-170. [In Russian].

Skead, C. J. The Cattle Egret in South Africa. Audubon **58** : 206-209, 221 figs.

Skead, C. J. (1). Recent East Cape bird records. Ostrich **27** : 67-69.

Skead, C. J. (2). Prey of the Barn Owl, *Tyto alba*. Ostrich **27** : 148.

Skead, C. J. (3). A study of the Red Bishop Bird. Ostrich **27** : 112-126.

Skutch, A. F. Life history of the Tropical Kingbird. Proc. linn. Soc. N.Y. Nos. 63-65 1954 : 21-38.

Skutch, A. F. (1). A nesting of the Collared Trogon. Auk **73** : 354-366.

Skutch, A. F. (2). Life history of the Ruddy Ground Dove. *Condor* **58** : 188-205.

Skutch, A. F. (3). Roosting and nesting of the Golden-olive Woodpecker. *Wilson Bull.* **68** : 118-128.

[**Skvortzova, T. A.** Some peculiarities in the structure of a tit's brain in connection with their mode of life and activity]. *C.R. Acad. Sci. URSS.* **107** : 907-910 2 figs. [In Russian].

Sladen, W. J. L. Introduction [to the biology of the penguins of the Antarctic] : 229-230. Some aspects of the behaviour of Adelie and Chinstrap Penguins : 241-247 figs. 4 pls. [French résumé]. *Int. orn. Congr.* **11** 1954 [1955].

Slotwinski, J. On the histochemical character of the Bowman olfactory glands secretion of anura, reptiles and birds. *Folia morph. Warszawa* **7** : 1-8 6 figs.

Sluifers, J. E. Jonge "Bonte" Kraai in Amsterdam. *Limosa* **28** 1955 : 135 fig.

Smith, F. D., Jr. La avifauna de Anzoetegui Central. *Mem. Soc. Cienc. nat. La Salle* **12** 32 1952 : 107-130 figs.

Smith, F. D., Jr. *see* Friedmann.

Smith, G. T. C. and Bernis, F. Sobre el Pechiazul (*Luscinia svecica*) y especialmente su poblacion iberica. *Ardeola* **3** : 115-125. [English summary].

Smith, K. D. On the birds of the Aden Protectorate. *Ibis* **98** : 303-307.

Smith, L. H. Australia's Lyrebird : new observations. The Lyrebird's tail : a remarkable transformation in adolescence : the moulting of the mature male. *Ill. London News* **229** 6121 : 514-515 photos.

Smithers, R. Aberrant *Pycnonotus xanthopygos layardi* from Southern Rhodesia. *Ostrich* **27** : 88 fig.

Smithers, R. (1). Some interesting Rhodesian records IV. *Ostrich* **27** : 168-170.

Smithers, R. H. N. Some interesting Rhodesian and Bechuanaland records, III. *Ostrich* **27** : 14-17.

Smithers, R. H. N. and Paterson, M. New geographical races of *Camarop-*

tera fasciolata and *Batis capensis* from Southern Rhodesia. *Bull. Brit. orn. Cl.* **76** : 119-120.

Smuk, A. *Grus grus*—Crane—in the "Hanyáság". *Aquila* **55-58** 1948-51 : 269-270.

Smuk, A. Ornithological observations in Western Hungary. *Aquila* **59-62** 1955 : 458.

Smyth, J. C. The study of wading birds in relation to the ecology of the sea-shore. *Int. orn. Congr.* **11** 1954 [1955] : 529-531.

Smythies, B. E. Bird notes from Brunei. *Sarawak Mus. J.* **6** 1955 : 698-701.

Smythies, B. E. and Harrison, T. Some new or rarely recorded migrants in Borneo. *Ibis* **98** : 535-537.

Snow, D. W. Geographical variation of the Coal Tit, *Parus ater* L. *Ardea* **43** 1955 : 195-225 figs.

Snow, D. W. (1). Courtship ritual : the dance of the Manakins. *Anim. Kingd.* **59** : 86-91 6 figs.

Snow, D. W. (2). The specific status of the Willow Tit. *Bull. Brit. orn. Cl.* **76** : 29-31.

Snow, D. W. (3). The annual mortality of the Blue Tit in different parts of its range. *Brit. Birds* **49** : 174-177.

Snow, D. W. (4). Territory in the Blackbird *Turdus merula*. *Ibis* **98** : 438-447.

Snoxell, M. S. J. Purple Heron in Essex. *Brit. Birds* **49** : 279.

Solavalt, O. Analysis of the song patterns of two Sprosser nightingales, *Luscinia luscinia* (L.). *Ann. zool. Soc. zool.-bot. Vanamo* **17** No. 4 : 1-31 15 figs.

Solymossy, L. Little Owl breeding in winter. *Aquila* **55-58** 1948-51 : 286.

Somfai, E. Nutcrackers in Budapest. *Aquila* **59-62** 1955 : 444.

Somfai, E. and Szijj, J. Some interesting notes on breeding birds in the marshland near Ócsa. *Aquila* **59-62** 1955 : 461.

Sopronyi, J. Hawfinch feeding its brooding mate. *Aquila* **55-58** 1948-51 : 298.

Söregi, J. A great number of Cranes at Nádudvar, Bee-eaters near the river Bodrog. *Aquila* **59-62** 1955 : 438.

Sorensen, J. H. The Light-mantled Sooty Albatross at Campbell Island. Cape Exped. Ser. Bull. No. 8 1950 : 1-30 9 figs.

Soulsby, A. R. *see* Jennings.

Southern, W. E. The 1955 spring migration of shorebirds at a small pond in central Michigan. Jack-Pine Warbler **34** : 11-14.

Sóvágó, M. Mating display of *Picus viridis*—Green Woodpecker. *Aquila* **55-58** 1948-51 : 288-289.

Sóvágó, M. (1). Ornithological data in the book by Comenius, published in 1631. *Aquila* **59-62** 1955 : 469.

Sowls, L. K. Prairie Ducks. A Study of their Behavior, Ecology and Management. Harrisburg, Pa. & Washington (Stackpole Co., and Wildlife Management Institute) 1955 : 193 47 pls.

Spencer, J. L. and Kennard, W. C. Preservation of birds' nests with plastic spray. *Auk* **73** : 280.

Spencer, K. G. The birds of Woodhouse Moor, Leeds. Immature-Adult proportions and behaviour in Black-headed Gull flocks. *Naturalist* no. 858 : 113-114.

Spenner, W. Rabenkrähen (*Corvus corone*) als Fischer. *Orn. Mitt.* **8** : 52.

Spheris, N. *see* Bayly.

Springer, P. F. Insecticides—Boon or Bane? *Audubon Mag.* **58** : 128-130, 176-178.

Sprunt, A., Jr. The spread of the Cattle Egret (With particular reference to North America). Rep. Smithsonian. Inst. **1954** 1955 : 259-276 3 pls.

Sprunt, A., Jr. (1). Is the Raven coming back in the Southeast. *Audubon Mag.* **58** : 170-171, 182 figs.

Spurway, H. The sub-human capacities for species recognition and their correlation with reproductive isolation. *Int. orn. Congr.* **11** 1954 [1955] : 340-249.

Stadler, H. Vögel im Winterschlaf. *Int. orn. Congr.* **11** 1954 [1955] : 665.

Stadler, H. (1). Die Stimmen der Blaumeise (*Parus c. coeruleus*). *Anz. Orn. Ges. Bayern* **4** 1954 : 155-170.

Stadler, H. (2). Verzeichnis meiner Veröffentlichungen über Vogelstimmen. *Anz. Orn. Ges. Bayern* **4** 1955 : 362-371.

Stadler, H. (3). Die Stimmen der europäischen Grasmücken. *Anz. Orn. Ges. Bayern* **4** : 413-433.

Stadler, H. (4). Eduard Tauber, ein vergessener fränkischer. *Nachr. naturw. Mus. Aschaffenburg* No. 49 1955 : 59-64.

Stadler, H. (5). Die Greife des mittleren Maintals : 1-8. Vogelstimmen im Hornauer See : 21-24. *Nachr. naturw. Ver. Aschaffenburg* No. 50 1956.

Stadler, H. (6). Die Lieder von Stieglitz, Rot- und Berghänfling und Erlenzeisig. *Nachr. naturw. Mus. Aschaffenburg* No. 51 : 1-39.

Stafford, J. The wintering of Blackcaps in the British Isles. *Bird Study* **3** : 251-257 fig.

Stafford, J. Bird report for 1955. *Proc. Is. Wight nat. Hist. Soc.* **4** : 381-395.

Stahlbaum, G. Singdrossel und Amsel imitieren Schwarzspecht. Kohlmeise als "Fliegenfänger". Geringe Scheu bei Amsel. *Vogelwelt* **77** : 56-57.

Stanford, J. K. The Common Curlew as a Wiltshire breeding bird. *Wiltsh. archaeol. nat. Hist. Mag.* **56** 202 1955 : 30-34.

Stapp, W. B. Food habits of Long-eared Owls. *Audubon Soc.* **58** : 218-220 figs.

Stead, P. J. Redwing alighting on the sea. *Brit. Birds* **49** : 153.

Steffen, J. Pic cendré et poteau de téléphone. *Nos Oiseaux* **23** : 179.

Stegmann, B. Über die Herkunft des flüchtigen rosenroten Federpiggments. *J. Orn.* **97** : 204-205.

Stegmann, B. (1). Über die funktionelle Bedeutung der Subspezies-Charaktere bei *Emberiza schoeniclus* L. *J. Orn.* **97** : 236.

Stein, R. C. A comparative study of "advertising song" in the *Hylocichla* Thrushes. *Auk* **73** : 503-512 4 pls.

Steinbacher, G. Der Storch im bayerischen Regierungsbezirk Schwaben. Vogelwelt **77** : 75-80 figs.

Steinbacher, J. (1). Zur Morphologie und Anatomie des Zungenapparates brasilianischer Spechte. Senck. biol. **36** 1-2 1955 : 1-8 5 figs.

Steinbacher, J. (2). Missbildungen bei Vögeln. Natur u. Volk **86** : 104-106 2 figs.

Steinbacher, J. (3). Der kalte Februar 1956 und die Vogelwelt. Natur u. Volk **86** : 132-134 1 fig.

Steinbacher, J. (4). Krähen am Schlafplatz. Natur u. Volk **86** : 179-181 1 fig.

Steinbacher, J. (5). Zur Variation des Gefieders und Verhaltens bei den Sperlingen Sardiniens und Siziliens. Senck. biol. **37** : 213-219.

Steinbacher, J. (6). Über eine kleine Vogelsammlung aus El Salvador. Senck. biol. **37** : 371-375.

Steinbacher, J. (7). Über den Herbstzug der Schwalben in Sardinien und Sizilien. Vogelwarte **18** : 211-212.

Steinbacher, J. (8). Herbst-Vogelschau in Sardinien und Sizilien. Vogelwelt **77** : 1-12.

Steinbacher, J. see Felten.

Steiner, H. Das Brutverhalten der Prachtfinken, Spermetidae, als Ausdruck ihres selbständigen Familiencharakters. Int. orn. Congr. **11** 1954 [1955] : 350-355 fig.

Steiner, H. (1). Die taxonomische und phylogenetische Bedeutung der Diastataxie des Vogelflügels. J. Orn. **97** : 1-20 4 pls.

Stepanyan, L. S. On the biology of reproduction of *Mycerobas carinipes speculigerus* Brandt. [Summary]. Zool. Zh. **35** : 1587-1588.

Stephens, T. C. An annotated bibliography of North Dakota ornithology. Occ. Pap. Nebraska orn. Un. **2** : 1-22.

Sterbetz, I. The Sasér Heronry in 1949. Aquila **55-58** 1948-51 : 277-278.

Stevens, C. J. White-rumped Sandpiper in Cornwall. Brit. Birds **49** : 149.

Stevens, K. Vogelwaarnemingen langs de Maas. Natuurh. Maandbl. **45** : 69-70.

Stevenson, H. M. Probable breeding of the Northern Prairie Warbler (*Dendroica discolor discolor*) in Florida. Auk **73** : 134.

Stewart, H. D. R. and others. Christmas bird count. January 2, 1956. Victoria Nat. **12** : 86-88.

Stewart, I. F. The history of a Reed Bunting. Trans. Dumfr. Gall. nat. Hist. Soc. (3) **33** 1956 : 73-83.

Stewart, R. E. Ecological study of Ruffed Grouse broods in Virginia. Auk **73** : 33-41.

Stewart, R. E. and Aldrich, J. W. Distinction of maritime and prairie populations of Blue-winged Teal. Proc. biol. Soc. Wash. **69** : 29-34.

S[tidston], S. T. Twenty-seventh report of the Devon bird-watching and preservation society. Rep. Devons. Ass. **87** 1955 : 382-383.

Stimson, L. A. The Cape Sable Seaside Sparrow : its former and present distribution. Auk **73** : 489-502 map.

Stingelin, W. Eine neue morphologische Deutung des Vogelgehirns auf Grund neuer Forschungsergebnisse. Experientia **12** : 242-244 figs.

Stoll, F. E. [and Blaszyk, Dr.]. Ein "Rätselvogel" auch in Ostfriesland. Orn. Mitt. **8** : 32.

Stollman, A. New nesting sites of the White-tailed Eagle near the Danube in Czechoslovakia. Aquila **59-62** 1955 : 437.

Stollmann, A. (1). Die Verbreitung des Weisstorches in der Umgebung der Hohen Tatra. Vogelwarte **18** : 212-214 fig.

Stonehouse, B. Bird ringing, South Georgia 1953-55. Ibis **98** : 137.

Storer, R. W. Weight, wing area, and skeletal proportions in three Accipiters. Int. orn. Congr. **11** 1954 [1955] : 287-290 figs.

Storer, R. W. (1). The fossil Loon, *Colymboides minutus*. Condor **58** : 413-426 figs.

Storr, G. M. Arctic Terns on the Swan River. W. Aust. Nat. **5** : 70-72.

Strahm, J. Nouvelles observations sur la reproduction des Hirondelles de rochers. Nos Oiseaux **23** : 257-265 pl. figs.

Strassen, O. z. Zweckdienliches Sprechen beim Graupapagei. Verh. dtsh. zool. Ges. **1952** **1953** : 84-89.

[**Strautman, F. I.** General principles in bird distribution in the Soviet Carpathians]. Ornith. Conf. Riga **1951** **1953** : 173-182 fig. [In Russian].

Street, P. The peculiarities of pigeons. Country Life, London **119** : 734-735 figs.

Street, P. (1). The London Zoo. London (Odhams Press Ltd.) **1956** pp. 93-111. illustr.

Street, P. B. Birds of the Pocono Mountains, Pennsylvania. Cassinia **1954** [1955] : 3-76.

Stresemann, E. and others. Exkursionsfauna von Deutschland. Wirbeltiere, Berlin (Volk u. Wissen Volkseigen) **1955** pp. xii + 340 46 pls. 255 figs.

Stresemann, E. (1). Bausteine zu einer Ornithologie von Kreta. J. Orn. **97** : 44-72.

Stresemann, E. (2). Die Ornithologen-Tagung in Leningrad, 20-24 Januar **1956**. J. Orn. **97** : 228-233.

Stresemann, E. (3). Zur Verbreitung von *Caprimulgus pulchellus* Salvadori. J. Orn. **97** : 239.

Stresemann, E. (4). Jean Cabani's amerikanisches Abenteuer (1839-1840). J. Orn. **97** : 415-429.

Stresemann, E. (5). Schaubalz der Feldlerche (*Alauda arvensis* L.). J. Orn. **97** : 441.

Suetens, W. Hofstade, de watervogels van een binnenmeer. Gerfaut **46** : 103-120.

Suffern, C. Twirling of Kestrels. Brit. Birds **49** : 37.

Summers-Smith, D. Movements of House Sparrows. Brit. Birds **49** : 465-488.

Summers-Smith, D. (1). Mortality of the House Sparrow. Bird Study **3** : 265-270.

Sunkel, W. Der Vogelfang des Ornithologen. J. Orn. **97** : 73-89 figs.

Sutter, E. E. Vogelzug in den Schweizer Alpen. Int. orn. Congr. **11** **1954** [1955] : 172-175.

Sutter, E. (1). Über die Mauser einiger Laufhühnchen und die Rassen von *Turnix maculosa* und *sylvatica* im indo-australischen Gebiet. Verh. naturf. Ges. Basel **66** **1955** : 85-139 2 figs.

Sutter, E. (2). Über das gehäufte Auftreten der Dreichenmöwe in der Schweiz im Winter **1954/55**. Orn. Beob. **53** : 81-93 figs.

Sutton, G. M. and Parmelee, D. F. On the Loons of Baffin Island. Auk **73** : 78-84 fig.

Sutton, G. M. and Parmelee, D. E. (1). Breeding of the Snowy Owl in southeastern Baffin Island. Condor **58** : 273-282 figs.

Sutton, G. M. and Parmelee, D. F. (2). The Rock Ptarmigan in Southern Baffin Island. Wilson Bull. **68** : 52-62 figs.

Sutton, G. M. and Parmelee, D. F. (3). On certain Charadriiform birds of Baffin Island. Wilson Bull. **68** : 210-223 figs.

Swaine, C. M. and Charteris, G. Ornithological notes for the year **1954**. Proc. Cotteswold Nat. Fld. Cl. **32** : 13-21.

Swanberg, P. O. Photographic studies of some less familiar birds. LXXIII. Barred Warbler. Brit. Birds **49** : 354 8 pls.

Swanberg, P. O. (1). Territory in the Thick-billed Nutcracker *Nucifraga caryocatactes*. Ibis **98** : 412-419.

Swanberg, P. O. (2). Incubation in the Thick-billed Nutcracker, *Nucifraga c. caryocatactes* (L.). Hanström Festschrift, Lund **1956** : 278-297 6 figs.

Swank, W. G. Nesting and production of the Mourning Dove in Texas. Ecology **36** **1955** : 495-505 7 figs.

Swirski, Z. Ergebnisse von Vogelberingungen in Polen. Der Fischreiherr (*Ardea cinerea cinerea* L.). Acta orn. Warsz. **5** : 51-75.

Syrůček, L. and Raska, K. Q Fever in domestic and wild birds. Bull. Wld. Hlth. Org. **15** : 329-337.

Szabó, L. V. Cranes and Whooper-Swan at Lake-Velence : 436. Data on Lake Velence's bird-population. *Aquila* **59-62** 1955 : 460.

Szalai, G. Whooper-Swan in south-western Hungary. *Aquila* **59-62** 1955 : 435.

Széchenyi, Z. Wall-creeper at Keszthely. *Aquila* **59-62** 1955 : 446.

Szederjey, A. Phaenological notes from Talabor Valley. *Aquila* **55-58** 1948-51 : 309.

Szemere, L. Raven breeding in Gálosfa : 305-306. Ornithological notes from Börzsöny : 307. *Aquila* **55-58** 1948-51.

Szemere, Z. Migrations of Cranes in eastern Hungary in autumn 1952. *Aquila* **59-62** 1955 : 439.

Sziji, J. Heronries in the year 1951 in Hungary : 81-87. Five years observations on Crossbill in Hungary 1947-1951 : 119-120. [Short notes] : 304-305. *Aquila* **55-58** 1948-51.

Sziji, J. (1). The colonies the Bee-eater in Hungary in 1949 : 190. Long-legged Buzzard near Kunszentmiklós : 436. Occurrences of the Whiskered Tern : 441. Ornithological notes from the Bakony hills in Transdanubia : 459. *Aquila* **59-62** 1955.

Sziji, J. *see* Keve.

Sziji, J. and L. Contributions to the food-biology of the White Stork (*Ciconia c. ciconia* L.). *Aquila* **59-62** 1955 : 91.

Sziji, L. Contributions to the bird-life of the Sator Mountains, north-eastern Hungary. *Aquila* **59-62** 1955 : 464.

Szocs, J. Syrian Woodpecker in Buda-Hills : 289. Chough in the district of Budapest : 306. *Aquila* **55-58** 1948-51.

Szombath, L. Whooper Swan in county of Bihar. *Aquila* **55-58** 1948-51 : 276.

Szomjas, L. Tawny-Owl attacking Marten. *Aquila* **59-62** 1955 : 450.

Taapken, J. Catastrophale sterfte van *Apus apus* (L.), *Hirundo rustica* L. en *Delichon urbica* (L.) gedurende de periode van eind Mei tot begin Juni 1953, veroorzaakt door abnormale

lage temperaturen en voedselgebrek. *Ardea* **43** 1955 : 275-283.

Taapken, J. (1). Nieuwe vondst van een Ijsduiker, *Colymbus immer* Brünn. en enkele nagekomen vondsten. *Ardea* **44** : 239-241 fig.

Taapken, J. and Bloem, T. Late voorjaars—en zomerwaarnemingen van Notenkrakers, *Nucifraga caryocatactes*, na de invasie 1954/1955. **43** 1955 : 286-289. Waarnemingen van de Notenkraker, *Nucifraga caryocatactes*, in 1955/1956 in Nederland. *Ardea* **44** : 244-245.

Taapken, J. *see* Junge.

Tabor, T. The activity of the Lark (*Alauda arvensis* L.), Greenfinch (*Carduelis spinus* L.), and Goldfinch (*Carduelis carduelis* L.) during the total eclipse of the sun on 30th June 1954. *Folio biol., Warszawa* **4** : 213-222 3 figs.

Tabor, T. (1). The influence of temperature on activity in the Common Buzzard (*Buteo buteo* L.) and the Rough-legged Buzzard (*Buteo lagopus* L.). [English summary]. *Folia biol., Kraków* **4** : 327-330.

Taibel, A. M. Sistematica e Ibridologia.—Generi, Specie, Sottospecie, razze biologiche nella sottofam. Cracinae. *Boll. Zool.* **21** 1954 : 261-272 fig.

Taibel, A. M. (1). Comportamento genetico del muove carattere "bar" del l'anatra muschiata (*Cairina moschata domestica* L.) : 1005-1023 9 figs. Il piumaggio "grigio-ardesia-azzurastro" dell'anatra muschiata (*Cairina moschata domestica* L.) e suo valore genetico creazione della varietà "grigio-perla" per mutazione. *Ann. Sper. agr. N.S.* **8** 6 1954 : 1795-1801 6 figs. [English summary].

Takada, T. Nesting records of the Japanese Sparrow-Hawk at Mt. Fuji. *Tori* **14** No. 67 : 25-27.

Takashima, H. The Stork in the past and present. *Tori* **14** no. 67 : 35.

[**Tamantzeva, L. S.** Seasonal migrations of tern]. *Trud. Bird ring. Bur.* **8** 1955 : 91-100. [In Russian].

Tamm, R. Lookure sügisrändest Eesti NSV-s. *Loodus. Seltsi Aast.* **48** 1955 : 201-214.

[**Tamm**, R. V. The results of 15 years of ornithological and phonological observations in Estland]. Ornith. Conf. Riga 1951 1953 : 127-133. [In Russian].

Tanner, E. B. A few reflections in birds' ways and natures. Avicult. Mag. 62 : 170-177.

Tärnroos, V. Metsähanhen (*Anser arvensis* Brehm) roduista maassamme. Luonnen Tutkija 60 : 75-76.

Tarshis, I. B. Traps and techniques for trapping California Quail. Bird-Banding 27 : 1-9 figs.

Tashian, R. E. Lark Sparrow (*Chondestes grammacus*) on Bimini, Bahamas, B.W.I. Auk 73 : 558.

[**Taurinsh**, E. Y. The present condition and tasks of ornithological investigations in Latvian republic]. Ornith. Conf. Riga 1951 1953 : 25-34 6 figs. [In Russian].

[**Taurinsh**, E. Y. and **Tima**, Ch. B. Observations on biology on some species of birds nesting in the artificial nests in Latvia]. Ornith. Conf. Riga 1951 1953 203-210. [In Russian].

[**Taurinsh**, E. Y., **Vilks**, K. A. and **Mikhelson**, G. A. Seasonal distribution and migration of some species of birds based on the ringing material of the Ornithological Section of the Latvian Academy of Science]. Ornith. Conf. Riga 1951 1953 : 57-102 map. [In Russian].

Taverner, J. H. Hoopoes breeding in Hampshire. Brit. Birds 49 : 454.

Taylor, A. and **Ridpath**, M. G. Bird damage and the fruit grower. R.H.S. Fruit Year Book no. 9 : 73-77.

Taylor, J. S. Palaeartic waders in winter at Port Elizabeth. Ostrich 27 : 110-111.

Taylor, L. S. Long-tailed Duck in Northamptonshire. Brit. Birds 49 : 148.

Teague, G. W. Aves del Litoral Uruguayo. Comm. zool. mus. Hist. nat. Montevideo 4 72 1955 : 1-58 figs.

Teale, E. W. Everglades Boardwalk. Nat. Hist. N.Y. 65 : 33-37.

Teidoff, E. Das Haselhuhn. Leipzig (Geest & Portig) 1952 35 pp. 12 illustr. (Neue Brehm-Bücherei Heft 77).

Teixeira, C. História paleontológica das aves. Naturalia 5 4 1955 : 181-200 4 figs.

Temperley, G. W. Ornithological report for Northumberland and Durham for 1955. Trans. nat. Hist. Soc. Northumb. N.S. 11 : 169-212.

Tenovuo, R. *Motacilla lutea* (Gmelin) neu für die Fauna Finnland. Ornis fenn. 33 : 71-74.

[**Teplöv**, V. P. On the distribution and migration of *Cygnus cygnus* in the region of Pechora-Ilich game reserve] : 171-173. [On the visits of birds into the region of Pechora-Ilich game reserve]. Trud. Bird ring. Bur. 8 1955 : 174-176. [In Russian].

[**Teplöv**, V. P. and **Kartashev**, N. N. Biological principle in organization of hunting of aquatic game-birds in the central parts of European Russia]. Zool. Zh. 35 : 77-88. [In Russian].

[**Teplöv**, V. P. and **Turov**, I. S. On the importance of *Corvus corone* L. in the bottomland of the middle stream of the Oka River]. Zool. Zh. 35 1956 : 753-757. [In Russian].

Terlingen, H. and **Bemmel**, A. C. V. v. The status of the White Stork in the Netherlands in the year 1955. Beaufortia 5 : 101-115.

Termier, H. and G. Historie Géologique de la Biosphère Paris 1952. pp. 721 8 pls. 117 figs.

[**Ternovski**, D. V. *Mycerobas carnipes* in Russia]. Priroda 2 117-118 2 figs. [In Russian].

Terres, J. K. Death in the night. Audubon Mag. 58 : 18-20.

Terres, J. K. (1). Eastern Meadowlark (*Sturnella magna*) eating a traffic-killed bird. Auk 73 : 289.

Thearle, R. Richards' Pipit on Bardsey. Brit. Birds 49 : 329.

Thearle, R. [and **Davis**, P.]. Melodius Warbler on Bardsey [and Skokholm]. Brit. Birds 49 : 232-233 pl.

Thielemann, A. Schwanzmeise (*Aegithalos caudatus*) als Bodenbrüter. Orn. Mitt. 8 : 76 fig.

Thóbiás, G. Crane in the county of Abauj : 268. Little Owl destroying poultry : 286. Aquila 55-58 1948-51.

Thóbiás, G. (1). Migration of the White Stork during the year 1949 in north-eastern Hungary. *Aquila* **59-62** 1955 : 295-297. [In Hungarian].

Thom, A. M. Birds of a transatlantic voyage in late spring 1954. *Brit. Birds* **49** : 80-83.

Thomasson, K. The distribution of the Red-necked Grebe in N.W. Europe. [Summary]. *Zool. Bidr. Uppsala* **30** : 157-168.

Thomson, Sir A. L. The place of Ornithology in biological science. *Int. orn. Congr.* **11** 1954 [1955] : 47-58.

Thomson, Sir A. L. (1). The migrations of British Chats (*Oenanthe, Saxicola, Phoenicurus*) as shown by the results of ringing. *Brit. Birds* **49** : 63-73 figs.

Thornburg, F. Scissor-tailed Flycatcher in Idaho : 72. Rose-breasted Grosbeak in Arizona : 447. *Condor* **58**.

Thorne, O. II. Differences between the Common House Finch and Cassin's Purple Finch of the genus *Carpodacus*. *Thorne ecol. Research Sta. Boulder, Colorado Bull.* **3** : 1-3 pl.

Thorpe, W. H. The analysis of bird-song with special reference to the song of the Chaffinch (*Fringilla coelebs*). *Int. orn. Congr.* **11** 1954 [1955] : 209-217 figs.

Thorpe, W. H. (1). The analysis of bird song. *Proc. roy. Instn. G.B.* **35** 1955 : 748-756 4 pls.

Thorpe, W. H. (2). Learning and instinct in animals, London (Methuen) 1956 pp. viii + 493. [Birds: 299-392].

Thorpe, W. H. (3). Records of the development of original and unusual feeding-methods by wild passerine birds. *Brit. Birds* **49** : 389-395.

Thorpe, W. H. (4). The language of birds. *Sci. Amer.* **195** : 128-138 figs.

Threadgold, L. T. The annual gonad cycle of the male Jackdaw *Corvus monedula*, qualitative aspects : 17-42 3 pls. Quantitative aspects : 43-54 4 figs. *Cellule* **58** fasc. 1.

Ticehurst, N. F. Notes on the local fauna and flora for 1955. *Hastings Nat.* **8** : 136-150, 169-189.

Tildy, Z. Puffin on "Fehértó" near Szeged. *Aquila* **55-58** 1948-51 : 268.

Timmerman, A. De duikeenden van het Zwarte Meer. *Levende Nat.* **59** : 169-174.

Timmermann, G. Die verwandtschaftlichen Beziehungen einiger Watvogelgruppen im Lichte der vergleichenden Parasitologie. *Int. orn. Congr.* **11** 1954 [1955] : 356-361 figs.

Tinbergen, L. De havikenstand in onze bossen. *Levende Nat.* **58** 1955 : 211-216 2 figs.

Tinbergen, L. (1). Field observations of migration and their significance for the problems of navigation. *Ardea* **44** : 231-235.

Tinbergen, N. On the functions of territories in gulls. *Ibis* **98** : 401-411.

Tittel, W. Zur Verstädtterung des Eichelhäfers (*Garrulus glandarius*). *Orn. Mitt.* **8** : 116.

Tordoff, H. B. Connecticut Warbler in Kansas. *Wilson Bull.* **68** : 156.

Tordoff, H. B. (1). Check-list of the birds of Kansas. *Publ. Mus. nat. Hist. Univ. Kansas* **8** 307-359 1 fig.

Tordoff, H. B. and Mengel, R. M. Studies on birds killed in nocturnal migration. *Publ. Mus. nat. Hist. Univ. Kansas* **10** : 1-44 6 figs.

Tomasz, J. Contributions to the ecology of the Indian Ring-Dove. *Aquila* **59-62** 1955 : 129-143.

Törnroos, V. Arktisten vesilintujen esiintymisestä Perämerellä : 33-36. Hieman tunturikihun, *Stercorarius longicaudus* Vieill. muutosta : 111-114. *Ornis fenn.* **33**.

Toschi, A. Qualche osservazione sugli effetti del rigido inverno 1956 su popolazioni italiane di uccelli : 129-133. Osservazioni sul Gheppio nella città di Bologna. La Poiana calzata nelle provincie Nord Orientali : 145-148. *Riv. ital. Orn.* **26**.

Traber, H. A. Vorführung des Farbfilms "Rund um das Rhonedelta". *Int. orn. Congr.* **11** 1954 [1955] : 633-634 pls.

Tratz, E. P. Der Gänsegeier (*Gyps fulvus*) und der Bartgeier (*Cypaëtus*

barbatus) in den Salzburger Alpen. Int. orn. Congr. **11** 1954 [1955] : 627-628.

Trautman, M. B. Unusual bird records for Ohio. *Auk* **73** : 272-276.

Traylor, M. A. *see* Rand, A. L.

Tricot, J. Contribution à la connaissance des oiseaux de la Forêt de Soignes et de ses environs : 23-27. *Megalornis grus* (L.) : 60-61 fig. Gerfaut **46**.

Trimingham, J. S. Notes on the breeding of woodlarks in South Yorkshire in 1955. *Naturalist* No. 857 : 45-46.

Trischler, A. Nachtragsbericht zum Vorkommen des *Hippolais pallida elaeica* Lind.—Balkan Blass-Spötter—bei Katy Aquila **55-58** 1948-51 : 302-303.

Trouche, L. Contribution à l'étude des oiseaux du Bocage normand et du département de la Manche. *Alauda* **24** : 295-302.

Tuge, H., Shima, I., and Koga, K. Studies of the conditioned reflex in the lower vertebrates. III. Motor-food conditioned reflex in domestic fowls. *Sci. Rep. Tôhoku Univ.* (4) **22** : 115-136 figs.

Tunmore, B. G. The visual observation of night migration. *Bird Study* **3** : 237-241.

Turbott, E. G. Field study of *Notornis*. Int. orn. Congr. **11** 1954 [1955] : 629.

Turbott, E. G. (1). Notes on the plumages and breeding cycle of the Spotted Shag, *Phalacrocorax (Stictocarbo) punctatus punctatus* (Sparrman, 1786). *Rec. Auckland [N.Z.] Inst.* **4** : 343-363 6 pls.

Turbott, E. G. (2). Bulbuls in Auckland. *Notornis* **6** : 185-193 fig.

Turček, F. J. A contribution to the function of forest bird-population from the point of view of biocoenology and forest managements : 53-73. *Birds perishing in Slovakia* : 310-311. *Aquila* **55-58** 1948-51.

Turček, F. J. (1). Die Vögel und Säugetiere der Nordeten-Weiden in der Umgebung von Banská Štiavnica. [German summary]. *Biológica, Bratislava* **9** 1954 : 267-277 2 figs.

Turček, F. J. (2). Bird populations of three types of forest communities in

Slovakia : 293-308 map. [English summary]. Die Vögel bei der Massenvermehrung der Eichenwickler (*Tortrix viridana* und *T. loeffluigiana*) in den Wäldern des mittleren Gran-Tales : 498-507 3 figs. [German summary]. *Biológica, Bratislava* **10** 4 1955.

Turček, F. J. (3). On the bird population of the spruce forest community in Slovakia. *Ibis* **98** : 24-33.

Turček, F. J. (4). Bird populations of some lowland forests near the Danube in Southern Slovakia. Int. orn. Congr. **11** 1954 [1955] : 532-536.

Tutt, H. R. Nest-sanitation and fledging of the Green Woodpecker. *Brit. Birds* **49** : 32-35.

Tutt, H. R. (1). Deposition of eggs by the female cuckoo (*Cuculus canorus*). Int. orn. Congr. **11** 1954 [1955] : 630-631.

Twomey, A. C. The new race of black Hawk of the species *Buteogallus anthracinus* from the Republic of Honduras. *Ann. Carnegie Mus.* **33** : 387-389.

Tyler, C. Studies on egg shells. VI. The distribution of pores in egg shells. **6** 1955 : 170-176. Studies on egg shells. VII. Some aspects of structure as shown by plastic model. **7** : 483-493. *J. Sci. Food Agric.*

Tyler, C. and Geake, F. H. Studies on egg shells. V. Some physical and chemical characteristics of the egg shells of five different types of pheasant. *J. Sci. Food Agric.* **5** 1954 : 612-619.

[**Tyurin, P. S.** New data on nesting of *Syrhaptes paradoxus* in the stone desert of Issik-Kul depression]. *Trud. Inst. zool. Paras. Kirgiz. Acad. Sci.* **4** 1955 : 3-62 figs. [In Russian].

Ubbels, G. A. *see* Brink.

Udagawa, T. Karyogram studies in birds. VI. The chromosomes of five species of the Turdidae. *Annot. zool. jap.* **28** 1955 : 256-261 10 figs.

Udagawa, T. (1). The narrowleaf firethorn seeds as food for wildlife. *Misc. Rep. Yamashina Inst. Orn. Zool.* no. 8 : 37-38.

Udvardy, M. D. F. Observations on the habitat and territory of the Chaffinch, *Fringilla c. coelebs* L., in Swedish Lapland. *Ark. Zool.* **9** : 499-505.

Udvardy, M. D. F. (1). Contributions to the knowledge of the body temperature of birds. Zool. Bidr. Uppsala **30** : 25-42.

Udvardy, M. D. F. (2). Body temperature of Parids in the arctic winter. Ornis fenn. **32** 1955 : 101-107.

Uhlenhaut, J. Abnormaler Unterschnabel beim Haussperling (*Passer domesticus* L.). Orn. Mitt. **8** : 153 fig.

Ulfstrand, S. The autumn migration at Falsterbo in 1949 and 1950. Reports of the Falsterbo Bird Station, no. 7. [English summary]. Vår Fågelv. **15** : 187-199.

Urbain, A., Nouvel, J., Bullier, P. and Rinjard, J. Rapport sur la mortalité et la natalité enregistrées au Parc Zoologique du Bois de Vincennes pendant l'année 1955. Bull. Mus. Hist. nat., Paris **28** (2) : 164-176.

Urbán, S. Nesting of the Booted Eagle in the Pilis Mountains : 436. Scops-Owl in the mountains north of Budapest. Aquila **59-62** : 442.

Utley, J. P. Birds and trees. Nest boxes in Leeds Corporation Parks. Naturalist No. 859 : 134-135.

Valentini, C. Osservazioni sulla migrazione primaverile sul versante adriatico dei "passeracei" in relazione alle eccezionali vicende climatiche dell'inverno 1956. Riv. ital. Orn. **26** : 149-151.

Valentini, C. (1). Ancora sul passo primaverile della Pispola goliarossa (*Anthus cervinus* Pallas) sul versante Medio Adriatico. Riv. ital. Orn. **26** : 191-192.

Välikangas, I. and Nordström, G. Die Vogelberingung in Finnland im Jahre 1953. Memor. Soc. Fauna Flor. fenn. **31** : 3-34.

Valverde, J. A. Essai sur l'Aigrette garzette (*Egretta g. garzetta*) en France. [English summary]. Alauda **24** : 1-36 figs.

Valverde, J. A. (1). Las Aves de Marruecos español en julio (conclusión). Ardeola **2** : 213-240.

Valverde, J. A. and Weickert, P. Sobre la migración de varias garzas españolas. (Primeros datos de anilla-

miento en Doñana). San Sebastian 1956 pp. 22 3 figs.

Valverde, J. A. see Bernis.

Valverde, J. A. see Saez-Royuela.

Van Deusen, R. D. The 1955-56 Michigan Christmas bird census. Jack-Pine Warbler **34** : 15-22.

Van Deusen, H. M. see Mayr.

Vane, E. N. T. On establishing strains of breeding parrakeets. Avicult. Mag. **62** : 94-104.

Van Someren, V. G. L. Days with birds. Studies of habits of some East African species. Fieldiana Zool. **38** : 1-520 figs.

Van Someren, V. G. L. (1). Comment on the proposal made by David Ride *et al* concerning the Hottentot Teal. Bull. zool. Nom. **12** : 311.

Van Tyne, J. Evolution in the Toucan genus *Ramphastos*. Int. orn. Congr. **11** 1954 [1955] : 362-368 figs.

Van Tyne, J. (1). The scientific name of the Florida Prairie Warbler. Auk **73** : 139.

Van Tyne, J. (2). What constitute scientific data for the study of bird distribution ? Wilson Bull. **68** : 63-67.

Váradi, F. Red-breasted Goose in the vicinity of Budapest. Aquila **59-62** 1955 : 436.

Vasvári, M. Food-ecology of the Common Heron, the Great White Egret and the Little Egret. Aquila **55-58** 1948-51 : 32-38.

Vasvári, M. Measurements of Hungarian birds. Aquila **59-62** 1955 : 184.

Vaughan, R. Photographic studies of some less familiar birds. LXXIV—Citril Finch. Brit. Birds **49** : 398-399 4 pls.

Vaugien, L. Sur les réactions ovariennes du Moineau domestique soumis, durant le repos sexuel, a des injections de gonadotrophine sérique de jument gravide. Bull. biol. **89** 1 1955 : 1-15 1 pl.

Vaugien, L. (1). Sur les réactions testiculaires du jeune Moineau domestique illuminé à diverse époques de la mauvaise saison. Bull. biol. **89** 2 1955 : 218-244 pl.

Vaugien, L. (2). Influence de la durée du jour sur l'activité sexuelle du Chardonneret mâle. C.R. Acad. Sci. Paris **242** : 2253-2254.

Vaugien, L. (3). Ponte du Chardonneret induite, en toutes saisons, par l'injection de gonadotrophine équine. C.R. Acad. Sci. Paris **243** : 444-446.

Vaurie, C. Pseudo-subspecies. Int. orn. Congr. **11** 1954 [1955] : 369-380 figs.

Vaurie, C. (1). Systematic notes on Palearctic birds. No. 16-18. Amer. Mus. Novit. Nos. 1751-53 1955.

Vaurie, C. (2). Systematic notes on Palearctic birds. No. 19. Fringillidae : the genera *Fringilla*, *Serinus*, *Carduelis*, and *Acanthis*. Amer. Mus. Novit. No. 1775 : 1-25.

Vaurie, C. (3). Systematic note on Palearctic birds. No. 20. Fringillidae : the genera *Leucosticte*, *Rhodopechys*, *Carpodacus*, *Pinicola*, *Loxia*, *Uragus*, *Urocynchramus* and *Propyrrhula*. No. 21. Fringillidae : the genera *Pyrhula*, *Eophona*, *Coccothraustes*, and *Mycerobas*. Amer. Mus. Novit. No. 1786 1956 : 1-37 3 figs. No. 1788 : 1-24 2 figs.

Vaurie, C. (4). Systematic notes on Palearctic birds. No. 22. Fringillidae : *Emberiza schoeniclus*. Amer. Mus. Novit. No. 1795 : 1-13 2 figs.

Vaurie, C. (5). Systematic notes on Palearctic birds. No. 23. Fringillidae : the Genera *Emberiza*, *Calcarius*, and *Plectrophenax*. Amer. Mus. Novit. No. 1805 : 1-27.

Vaurie, C. (6). Systematic notes on Palearctic birds. No. 24. Ploceidae : the genera *Passer*, *Petronia*, and *Montifringilla*. Amer. Mus. Novit. No. 1814 : 1-27.

Vaurie, C. (7). Proposed suppression for nomenclatorial purposes under the plenary powers of a pamphlet by R. B. Horniman entitled "Preliminary descriptions of some new birds" and bearing the date January 1940. Bull. zool. Nom. **11** : 344-346.

Vaurie, C. see Goodwin.

Venables, L. S. V. Winter bird notes from Hoy, Orkney. Scot. Nat. **68** : 71-73.

Venables, L. S. V. and U. N. Nesting habits of Magpies (*Pica pica*

(Linnaeus)) in Flintshire, North Wales. Northw. Nat. N.S. **3** : 310-313 1 fig.

Verheyen, R. Note sur la variabilité des caractères ostéologiques chez la Macreuse noire, *Melanitta nigra* (L.). Bull. Mus. Hist. nat. Belg. **31** 21 1955 : 1-19.

Verheyen, R. (1). La systématique des Ansériformes basée sur l'ostéologie comparée. Bull. Mus. Hist. nat. Belg. **31** 35 1955 : 1-18, 36 : 1-16, 37 : 1-22, 38 : 1-16.

Verheyen, R. (2). Contribution à la systématique des Piciformes basée sur l'anatomie comparée. Bull. Inst. Sci. nat. Belg. **31** 50 1955 : 1-24, 51 1955 : 1-19.

Verheyen, R. (3). Analyse du potentiel morphologique et considérations sur la systématique des Coraciiformes (Wetmore 1934). Bull. Inst. Sci. nat. Belg. **31** 92 1955 : 1-16, 93 1955 : 1-19, 94 1955 : 1-16.

Verheyen, R. (4). La dispersion des Tarins, *Carduelis spinus* (L.), visitant la Belgique. Gerfaut **46** : 1-15 pl.

Verheyen, R. (5). Zon en Uur bij de Afrikaanse Aalscholver, *Phalacrocorax carbo lugubis* Rüppell. Gerfaut **46** : 29-34.

Verheyen, R. (6). Note sur la mue alaire et caudale chez les Engoulevents (Caprimulgidae). Gerfaut **46** : 35-40.

Verheyen, R. (7). Les longueurs de l'aileron et de la queue en relation avec l'âge des oiseaux. Gerfaut **46** : 65-74.

Verheyen, R. (8). Note sur quelques oiseaux migrateurs paléarctiques dans l'est du Congo belge. Gerfaut **46** : 95-102.

Verheyen, R. (9). La mue de la queue chez les hiboux et les chouettes (Striges). Gerfaut **46** : 121-125.

Verheyen, R. (10). Sur la provenance des Rouge-Goyes, *Erithacus rubecula* (L.), observés l'hiver en Belgique. Gerfaut **46** : 143-150 fig.

Verheyen, R. (11). Résultats du baguage des oiseaux en Belgique. Exercice 1955. Gerfaut **46** : 199-213.

Verheyen, R. (12). Note sur l'anatomie et la place des Kamichis (Anhimiformes) dans les systèmes de Classification. Gerfaut **46** : 215-221.

Verheyen, R. (13). Les Colibris (*Trochili*) et les Martinets (*Apodi*) sont-ils réellement apparentés ? *Gerfaut* **46** : 237-252.

Verheyen, R. (14). Note sur les déplacements saisonniers des Bergeronnettes grises, *Motacilla alba* L. *Gerfaut* **46** : 307-310 pl.

Verme, L. J. Goshawk captures American Crow. *Wilson Bull.* **68** : 78.

Vertse, A. Bird protection in the years 1950-51 in Hungary : 13-21. Whooper Swan on Lake Valence : 276. *Aquila* **55-58** 1948-51.

Vertse, A. Cormorants nesting in a new place : 433. Swimming Herons : 458. *Aquila* **59-62** 1955.

Vertse, A., Zsák, Z. and Kaszab, Z. Food and agricultural importance of the partridge. *Aquila* **59-62** 1955 : 65-68 figs.

Veuillet, J. *see* Roux, F.

Verwey, J. In memoriam. Luuk Tinbergen. *Ardea* **43** 1955 : 293-308 pl.

Verwey, J. (1). Obituary. Lukas Tinbergen. *Ibis* **98** : 319-320.

Verwey, I. (2). De Waddenzee als voedsel-areaal voor vogels bij strenge kou. [English summary]. *Ardea* **44** : 218-224 fig.

Veselovsky, Z. Künstliche Aufzucht von Nandus, *Rhea americana*. *Zool. Gart. Lpz.* **21** : 250-263 figs.

Vesey-Fitzgerald, D. F. Nesting of the Tanganyika Masked-Weaver. *Bull. Brit. orn. Cl.* **76** : 134-135 figs.

Vetter, G. Wasseramsel (*Cinclus cinclus*) an den Ahlhorner Fischteichen (Old.). *Orn. Mitt.* **8** : 113 fig.

Vicenzi, L. Osservazioni sopra due ibridi Pavone × Faraona. *Boll. Zool.* **21** 1954 : 437-446 4 pls.

Vida, B. Peculiar death of Long-tailed Titmouse. *Aquila* **55-58** 1948-51 : 295.

Vidmar, B. The development *in vitro* of the embryonic pineal body of the fowl J. *Embryol. exp. Morph.* **1** 1953 : 417-423 2 pls. 1 fig.

Vietinghoff-Riesch, A. F. v. Beiträge zur Topographie der Rauchschnalbe in Frankreich. *Vogelwelt* **77** : 152-155 map.

Vietinghoff-Riesch, F. Mittelmeerbeobachtungen. *Orn. Mitt.* **8** : 150.

[Vilks, K. A.] Oscillations in number of some species of birds in the Latvian republic in the last decade]. *Ornith. Conf. Riga 1951* [1953] 183-186. [In Russian].

[Vilks, K. A. (1).] Breeding of birds exchanging the chicks of various species]. *Ornith. Conf. Riga 1951* [1953] : 211-217. [In Russian].

Vince, M. A. "String-Pulling" in birds. (1) Individual differences in wild adult Great Tits. *Brit. J. Anim. Behav.* **4** : 111-116 1 pl.

Vine, A. E. *see* Nisbet.

Vintemberger, P. and Clavert, J. Sur le déterminisme de la symétrie bilatéral chez les oiseaux. *V. C.R. Soc. Biol. Paris* **148** : 1489-1491.

Vintemberger, P. *see* Clavert.

Vleugel, D. A. Waarnemingen aan verkeerde trek in het Voorjaar. [English summary]. *Ardea* **44** : 206-213.

Vleugel, D. A. (1). The orientation of homing-pigeons. [Summary]. *Limosa* **29** : 129-137.

Voipio, P. Über die gelbfüßigen Silbermöwen Nordwesteuropas. *Acta Soc. Fauna Flora fenn.* **71** 1954 : 1-56 2 figs.

Voipio, P. (1). The population of the Yellow-legged Herring-Gull on a large lake in Finland. *Int. orn. Congr.* **11** 1954 [1955] : 537-539.

Voipio, P. (2). Muuttuva lintujen järgestelmä. *Ornis fenn.* **32** 1955 : 108-129.

Voipio, P. (3). Über einige Neuankömmlinge, zufällige Irrgäste und andere Schwankungen in der Vogel-fauna der Gegend von Taipalsaari und Gross-Saimaa. *Ornis fenn.* **33** : 40-61.

Vojtíšková, M. and Kniže, B. Entfernte geschlechtliche Kreuzung von Perlhuhn und Hahn. *Folia biol., Praha* **2** : 87.

Völker, O. Singschwäne (*Cygnus cygnus*) im Winter 1955/56 im Lahntal bei Giessen-Wetzlar. *Orn. Mitt.* **8** : 152 fig.

Volkman, G. Die Störche im Hamburger Staatsgebiet. Orn. Mitt. **8** : 193-194.

[**Volkov, A. A. and Goryunov, N. A.** Soviet fowl breeding]. Priroda **6** : 49-56 figs. pl. [In Russian].

Volsøe, H. Origin and evolution of the Canarian avifauna. Int. orn. Congr. **11** 1954 [1955] : 406-409.

Voous, K. H. Origin of the avifauna of Aruba, Curaçao and Bonaire. Int. orn. Congr. **11** 1954 [1955] : 410-414 figs.

Voous, K. H. (1). The subspecific identity of *Cephus grylle* collected in the Netherlands. [English summary]. Limosa **28** 1955 : 68-71.

Voous, K. H. (2). In memoriam. Prof. Dr. Lukas Tinbergen (1915-1955). Limosa **28** 1955 : 140.

Voous, K. H. (3). Hybrids of Scaup Duck and Tufted Duck (*Aythya marila* × *Aythya fuligula*). Ardea **43** 1955 : 284-286 pl.

Voous, K. H. (4). Quelques observations ornithologiques dans le région de Gavarnie (Hautes-Pyrénées). Alauda **24** : 148.

Voous, K. H. (5). Observations en Camargue et Haut-Marne. Alauda **24** : 232.

Voous, K. H. see Junge.

[**Vorontzev, N. N., Ivanove, O. Y. and Shemyakin, M. F.** Material on winter food of *Glaucidium passerinum*]. Zool. Zh. **35** 4 : 615-618. [In Russian].

Vries, G. A. de. Witkopeenden, *Oxyura leucocephala* (Scop.), op het IJsselmeer bij Huizen (N.H.). Ardea **43** 1955 : 289-292 fig.

Vries, T. G. de. Oö—en nidologische Mededelingen, 1955. Limosa **28** 1955 : 126-130.

Wachs, H. An deutschen Küsten. Zweiter Teil. Vögel am Meer. Leipzig & Wittenberg/Lutherstadt (Geest & Portig and A. Ziemsen Verlag) 1950 Second edition 32 pp. 30 illustr. (Neue Brehm-Bücherei Heft 7).

Wagner, H. O. Notes on an analysis of the annual rhythm of migratory birds. Int. orn. Congr. **11** 1954 [1955] : 658-661.

Wagner, H. O. (1). Über Jahres- und Tagesrhythmus bei Zugvögeln. II. Mitteilung. [English summary]. Z. Tierpsychol. **13** : 82-92 11 figs.

Wagner, R. Life with the captive Whooping Cranes. Audubon Mag. **58** : 222-224 figs.

Wahl, V. Die Siedlungsdichte der Vögel im Zoologischen Garten Prag. Zool. Gart., Lpz. **21** : 274-282 fig.

Wahlin, B. J. O. The present status of the Puffin (*Fratercula arctica*) in Sweden. [English summary]. Vår Fågelv. **15** : 49-53 fig.

Wakefield, N. A. The Brown Warbler in Eastern Victoria. Vict. Nat., Melbourne **72** : 178-186 figs.

Walkinshaw, L. H. Migration of the Chimney Swift in Calhoun County, Michigan. Jack-Pine Warbler **34** : 29.

Walkinshaw, L. H. Some bird observations in the northern peninsula of Michigan. Jack-Pine Warbler **34** : 107-117.

Wallace, D. I. M. Song-flight of Green Sandpiper in passage. Brit. Birds **49** : 323.

Wallace, D. I. M. (1). Recognition and repulsion of a predator by Spotted Flycatchers. Brit. Birds **49** : 328.

Wallace, G. J. Birding on Point Pelee. Jack-Pine Warbler **34** : 6-10.

Wallace, G. J. (1). A Colombian Christmas bird count. Jack-Pine Warbler **34** : 23-26.

Wallace, G. J. (2). A case of microphthalmia in the American Robin. Wilson Bull. **68** : 151.

Wallgren, H. Migration in some species of *Emberiza* during the late Pleistocene. Acta Soc. Fauna Flora fenn. **71** 3 : 1-14 1 fig.

Wallgren, H. (1). Zur Biologie der Goldammer, *Emberiza citrinella* L. Acta Soc. Fauna Flora fenn. **71** 4 : 1-44 3 figs.

Walls, R. C. Ayrshire rookeries. Scot. Nat. **68** : 110-113 1 fig.

Walter, H. Ringeltaube brütet in Hausruine. Vogelwelt **77** : 30.

Walters, J. Egg-retrieving and orientation at the nest-site in Kentish and Little Ringed Plover. [Summary.] Limosa **29** : 103-129 figs.

Warburg, G. and Warmington, G. H. Aquatic Warbler in Middlesex. *Brit. Birds* **49** : 327.

Ward, M. D. The feeding ecology of the Common Redstart. *Starfish* No. 9 : 13-17.

Warga, K. Voranzeige über die Erforschung der Vogelwelt des Kisbálaton. *Aquila* **55-58** 1948-51 : 186-187.

Warga, K. XVth Report on the bird-banding in Hungary. *Aquila* **59-62** 1955 : 250.

Warga, K. Lesser Kestrel at Zirc : 438. Siberian Thrush at Budapest : 446. The Olivaceous Warbler's appearance at Kisbálaton : 447. Cetti's Warbler and Black-headed Wagtail at Kisbálaton : 448. Nests of 10 various species on the same tree : 453. Wheat-ear breeding in a nesting-box : 454. Observations on the feeding of some bird-species : 455. *Aquila* **59-62** 1955.

Warham, J. The technique of bird photography. (Focal Press) London 1956 : 1-199, 48 pls. figs.

Warham, J. (1). Observations on the birds of Pelsart Island. *Emu* **56** : 83-93 4 pls.

Warham, J. (2). Have birds a sense of smell? *Country Life* **120** : 516-518 figs.

Warham, J. (3). The Australian Avocet. *Zoo Life* **11** : 8-9 figs.

Warham, J. (4). The breeding of the Great-winged Petrel *Pterodroma macroptera*. *Ibis* **98** : 171-185 2 pls.

Warnke, H. Kampf zwischen Lachmöwe und Wanderfäke. *Anz. Orn. Ges. Bayern* **45** 1955 : 373-374.

Watson, A. The Hatton Castle rookery. *Scot. Nat.* **68** : 162-164.

Watson, A. [and others]. Increase in Fulmars in north-east Scotland [and other Scottish notes]. *Scot. Nat.* **68** : 177-182.

Watson, D. [and others]. Lesser White-fronted Goose in Kirkcudbrightshire [and England]. *Brit. Birds* **49** : 227-229.

Watson, G. E., 3rd. *see* Ripley.

Watson, J. A. L. A further record of *Puffinus gavia* from Western Australia. *W. Aust. Nat.* **5** : 140.

Wdowinski, Z. Amidst forests and lakes. *Warszawa (Sport i Turystyka)* 1955 pp. 168 text illust.

Weber, B. Zur Verstädterung des Kuckucks. *Orn. Mitt.* **8** : 74.

Weber, W. M. Occurrence of the Aleutian Tern and Rustic Bunting in the Aleutian Islands. *Condor* **58** : 235.

Weickert, P. *see* Valverde.

Weidmann, U. Some experiments on the following and the flocking reaction of mallard ducklings. *Brit. J. Anim. Behav.* **4** : 78-79.

Weidmann, U. (1). Observations and experiments on egg-laying in the Black-headed Gull (*Larus ridibundus* L.). *Brit. J. Anim. Behav.* **4** : 150-161.

Weinzierl, H. Feldsperling (*Passer montanus*) brütet in einer Uferschwalben-Kolonie. *Orn. Mitt.* **8** : 53.

Weitnauer, E. Zur Frage des Nüchterns beim Mauersegler. *Orn. Beob.* **53** : 74-79 figs.

Welker, R. H. Birds and men. American birds in science, art, literature, and conservation, 1800-1900. Cambridge, Mass. (Belknap Press of Harvard Univ.) 1955 pp. viii + 230 21 pls.

Weltry, C. Birds as flying machines. *Sci. Amer.* **192** 3 1955 : 88-96 5 figs.

Wendland, V. Eine Ruderente, *Oxyura leucocephala*, in Berlin. *J. Orn.* **97** : 238.

Werner, J. Glaswolle als Nestbaustoff. *Vogelwelt* **77** : 158.

West, A. H. Possibility of Harlan's Hawk near Chattanooga. *Migrant Tennessee* **27** : 14.

West, O. Nestling plumage, Wattled Crane. *Ostrich* **27** : 41.

Westerfrölke, P. Tannerhäher frisst Seradellamen. *Vogelwelt* **77** : 28.

Westerfrölke, P. (1). Sonnenbad eines Gartenbaumläufers. Garten-grasmücke greift Kuckuck an. *Vogelwelt* **77** : 157.

Westernhagen, W. von. Massen-schlafplatz des Haussperlings in Barcelona. Orn. Mitt. **8** : 169.

Westernhagen, W. von (1). Ornithologische Beobachtungen aus dem Ebrodelta. Orn. Mitt., **8** : 181-183.

Westerskov, K. The pheasant in New Zealand. Wildl. Publ. N.Z. Dept. Int. Affairs No. 40 1955 : 1-35 text illust.

Westerskov, K. (1). History and distribution of the Hungarian Partridge in Ohio, 1909-1948. Ohio J. Sci. **56** : 65-70 2 figs.

Westman, H. *see* Notini.

Wetmore, A. Additional forms of birds from Panama and Colombia. Proc. biol. Soc. Wash. **69** : 123-126.

Wetmore, A. (1). A check-list of the fossil and prehistoric birds of North America and the West Indies. Smithsonian. misc. Coll. **131** : 1-105.

Wetmore, A. (2). A fossil guan from the oligocene of South Dakota. Condor **58** : 234 fig.

Wetmore, A. (3). Footprint of a bird from the Miocene of Louisiana. Condor **58** : 389 fig.

Wetmore, A. (4). The Muscovy Duck in the Pleistocene of Panamá. Wilson Bull. **68** : 327.

[**Wetmore**, A. and others]. Thirty-first supplement to the American Ornithologists' Union Check-list of North American birds. Auk **73** : 447-449.

Wetmore, A. and **Phelps**, W. H., Jr. Further additions to the list of birds of Venezuela. Proc. biol. Soc. Wash. **69** : 1-10.

Wheeler, R. G. and **King**, F. Lesser Yellowlegs in Co. Wexford. Brit. Birds **49** : 231.

White, C. M. N. Notes on African Larks. Parts I and II. Bull. Brit. orn. Cl. **76** : 2-6, 53-60.

White, C. M. N. (1). Notes on African larks. Part III. Bull. Brit. orn. Cl. **76** : 120-124.

White, C. M. N. (2). Notes on the systematics of African bulbuls. Bull. Brit. orn. Cl. **76** : 155-158.

White, C. M. N. (3). A new race of swallow from Somaliland. Bull. Brit. orn. Cl. **76** : 160.

White, E. *see* Coulson.

White, J. B. Birds of Green County, Tennessee. Migrant Tennessee **27** : 1-8.

Whitley, G. P. *see* McMichael.

Wichert, E. Beitrag zur Frage der Zugscheide des Weissen Storches nach Ergebnissen an Bersenbrücker Störchen. Orn. Mitt. **8** : 107-108.

Wickham, M. F. Bird-watcher versus ornithologist. Frontiers **21** : 14-16 fig.

Wigzell, J. A. [and others]. Albinism related to age. Brit. Birds **49** : 500.

Wilcke, J. In memoriam Lukas Tinbergen. Levende Nat. **58** 11 1955 : 209-210 portrait.

Wilcke, J. De eidereend in Nederland. Levende Nat. **59** : 44-47 2 figs.

Wilkie, J. Fish eating a Black Tern. Flicker, Minnesota **28** : 160.

Willgohs, J. F. Ornithological notes and news. I. Univ. Bergen Årb. Naturw. R. **1954** 7 1955 : 1-16.

Willgohs, J. F. Notes on some birds observed and collected at Utsira 1953. Årb. Univ. Bergen. Naturv. R. **1955** 5 1956 : 1-13 2 figs.

Willgohs, J. F. *see* Holgersen.

Williams, G. G. Altitudinal records for Chimney Swifts. Wilson Bull. **68** : 71.

Williams, G. R. The Kakapo (*Strigops habroptilus*, Gray). A review and re-appraisal of a near-extinct species. Notornis **7** : 29-56 pls.

Williams, J. G. A new Golden-winged Sunbird from Kenya. Bull. Brit. orn. Cl. **76** : 136-139 fig.

Williams, J. G. (1). On the downy young of *Aythya erythrophthalma*. Bull. Brit. orn. Cl. **76** : 140 fig.

Williams, J. G. (2). The re-discovery of *Warsanglia johannis*. Ibis **98** : 531.

Williams, T. S. Notes on the bird life of the City of Chester. Proc. Lpool. Nats.' Fld. Cl. No. **95** : 21-32.

Williamson, F. S. L. The molt and testis cycles of the Anna Hummingbird. *Condor* **58** : 338-366.

Williamson, F. S. L. and Rausch, R. Interspecific relations between Goshawks and Ravens. *Condor* **58** : 164.

Williamson, K. Migrational drift. *Int. orn. Congr.* **11** 1954 [1955] : 179-186 figs.

Williamson, K. (1). Unusual Yellow Wagtail in Shetland. *Brit. Birds* **49** : 45.

Williamson, K. (2). Melodious Warbler and Less Grey Shrikes at Fair Isle. *Brit. Birds* **49** : 94-96 fig.

Williamson, K. (3). A useful field-character of the Icterine Warbler. *Brit. Birds* **49** : 119-120.

Williamson, K. (4). The autumn immigration of the Greenland Redpoll (*Carduelis flammea rostrata* (Coues)) into Scotland. *Dansk orn. Foren. Tidsskr.* **50** : 125-133 figs.

Williamson, K. and Davis, P. The autumn 1953 invasion of Lapland Buntings and its source. *Brit. Birds* **49** : 6-25 figs.

Williamson, K. and others. Greenish Warbler at Fair Isle [and I. of May]. *Brit. Birds* **49** : 42-43.

Williamson, K. and others (1). Thick-billed Warbler at Fair Isle : a new British bird. *Brit. Birds* **49** : 89-93.

Wilson, E. O. *see* Brown, W. L.

Wilson, V. T. and Young, L. T. European Widgeon and Glaucous Gull in Utah. *Condor* **58** : 390.

Wingstrand, K. G. A southern breeding-place of the Redwing (*Turdus musicus* L.). *Vår Fågelv.* **15** : 120-123.

Winterbottom, J. M. Notes on some birds of the Cold Bokkeveld, Ceres District. *Ostrich* **27** : 18-27.

Winterbottom, J. M. (1). *Pachyptila belcheri* (Matthews) in South Africa. *Ostrich* **27** : 87.

Winterbottom, J. M. (2). The birds of Livingstone township, Northern Rhodesia, 1942-1950. *Ostrich* **27** : 134-147.

Winterbottom, J. M. (3). Systematic notes on birds of the Cape Province

Part I. *Mirafra apiata* (Veillot), Part II. *Calandrella sclateri* Shelley. *Ostrich* **27** : 156-158 fig.

Winterbottom, J. M. (4). Some notes on northern Rhodesian birds. Part II. *North. Rhod. J. No. 6* 1952 : 32-40.

Winterbottom, J. M. (5). Some bird censuses on the Kafue Flats, Northern Rhodesia. *North. Rhod. J.* **2** 5 1955 : 59-61.

Winterbottom, J. M. (6). Need for local lists. *Bokmakierie* **8** : 6-8.

Wisely, B. Notes on the distribution of the Takahe (*Notornis mantelli*) in the Murchison ranges, Te Anau. *Rec. Canterbury (N.Z.) Mus.* **7** : 1-9 2 figs.

Wishart, R. M. Birds galore. *Vict. Nat., Melbourne* **73** : 23-26 1 fig.

Witschi, E. Vertebrate gonadotrophins. *Mem. Soc. Endocrinology* **4** 1955 : 149-165.

Witschi, E. (1). Development of Vertebrates. Philadelphia & London (W. B. Saunders Co.) 1956 pp. XVI + 588 frontis. col. 370 figs.

Witt-Strömer, B. and others. Meddelanden [Swedish notes with English summaries]. *Vår Fågelv.* **15** : 56-66.

Wolff, E. Le rôle des hormones embryonnaires dans la différenciation sexuelle primaire des Oiseaux. *Int. orn. Congr.* **11** 1954 [1955] : 86-103 figs.

Wolff-Metternich, F. Biologische Notizen über Vögel von Fernando Po. *J. Orn.* **97** : 274-290 2 pls.

Wolfson, A. (editor). Recent Studies in Avian Biology. Urbana (University of Illinois Press) 1955 v-ix 1-479 illustr.

Wolstenholme, P. Meet my Guinea fowl. *Afr. Wild Life* **10** : 153-155 1 fig.

Wood, P. J. Rose Robins in Geelong District. *Emu* **56** : 39.

Wood-Gush, D. G. M. The agonistic and courtship behaviour of the Brown Leghorn cock. *Brit. J. Anim. Behav.* **4** : 133-142.

Wood-Gush, D. G. M. and Osborne, R. A study of libido differences in cockerels : 78. A study in the

differences of sex drive in cockerels : 102-110. Brit. J. Anim. Behav. **4**.

Woolfenden, G. E. Comparative breeding behaviour of *Ammospiza caudata* and *A. maritima*. Publ. Mus. nat. Hist. Univ. Kansas **10** : 47-75 6 pls.

Woolfenden, G. E. (1). Preening and other behavior of a captive Horned Grebe. Wilson Bull. **68** : 154.

Wooltorton, G. C. Buzzard killing Tawny Owl. Brit. Birds **49** : 149.

Worden, A. N. Functional anatomy of birds (Cage Birds, London) [n.d.] : viii + 136 illustr.

Work, T. H., Hurlbut, H. S. and Taylor, R. M. Indigenous wild birds of the Nile Delta as potential West Nile virus circulating reservoirs. Amer. J. trop. Med. Hyg. **4** 1955 : 872-888 1 fig.

Worth, C. B. A pox virus of the Slate-colored Junco. Auk **73** : 230-234.

Woschinski, E. Ist die Kreuzotter ein Feind der Bodenbrüter? Beitr. Naturk. niedersachs. **9** : 25-26.

Wüst, W. Das Ismaninger Teichgebiet des Bayernwerkes (A.-G.). Anz. orn. Ges. Bayern **4** 3 1954 : 107-117 2 pls.

Wüst, W. (1). Die Camargue-Fahrt der Ornithologischen Gesellschaft in Bayern. Anz. Orn. Ges. Bayern **4** 3 1954 : 118-132.

Wüst, W. (2). Der Rotkehlpieper, *Anthus cervinus* (Pallas) in Oberbayern. Anz. Orn. Ges. Bayern **4** 3 1954 : 146-149.

Wüst, W. (3). Ismaninger Vogelparadies. Anz. Orn. Ges. Bayern **4** 4 1954 : 201-260 pls.

Wüst, W. (4). Das Ismaninger Teichgebiet des Bayernwerkes (A.-G.). Anz. Orn. Ges. Bayern **4** 390-401 pl.

Wüst, W. (5). *Calidris melanotos* (Vieill.) in Deutschland beobachtet. J. Orn. **97** : 344-346 fig.

Wynne-Edwards, V. C. Low reproductive rates in birds, especially sea-birds. Int. orn. Congr. **11** 1954 [1955] : 540-547.

Wynne-Edwards, V. C. (1). Records of Short-billed Fulmars in the North Sea. Ibis **98** : 534.

Yaldwyn, J. C. A preliminary account of the sub-fossil Avifauna of the Martinborough caves. Rec. Dom. Mus., Wellington **3** : 1-7.

Yamashina, Y. Studies on the elimination of broodiness in domestic fowl by the use of Prolactin (V). Misc. Rep. Yamashina Inst. Orn. Zool. No. **8** : 1-7.

Yapp, W. B. The theory of line transects. Bird Study **3** : 93-104.

Yapp, W. B. (1). The birds of high-level woodlands. Bird Study **3** : 190-204.

Yapp, W. B. (2). Two physiological considerations in bird migration. Wilson Bull. **68** : 312-319.

Yeager, L. E. Poisons and wildlife. Wilson Bull. **68** : 261-264.

Yealland, J. J. Birds of British Guiana. Zoo Life **10** : 103-108 8 figs.

Yealland, J. J. (1). Hawaiian waterfowl. Zoo Life **11** : 47-50 figs.

Y[eates], G. K. A. W. P. Robertson (1908-1956). Bird Notes **27** : 111-112 7 pls.

Yocom, C. F. Man-made homes for Canada Geese. Audubon Mag. **58** : 106-109, 127 figs.

Yocom, C. F. (1). The Sage Hen in Washington State. Auk **73** : 540-550 fig.

Yocom, C. F. (2). Blue-winged Teal in Del Norte County, California. Calif. Fish Game **42** : 81.

Yocom, C. F. (3). Re-establishment of breeding population of Long-billed Curlews in Washington. Wilson Bull. **68** : 228-231 fig.

Yocom, C. F. and Mall, R. E. White-throated Sparrow in Humboldt County, California. Condor **58** : 75.

Young, H. Territorial activities of the American Robin *Turdus migratorius*. Ibis **98** : 448-452.

[Yudin, K. A. Aves]. Zhiv. Mir S.S.S.R. **4** 1953 : 126-203 figs. [In Russian].

Zahl, P. A. Honey eaters of Currumbin. *Nat. geogr. Mag.* **110** : 510-519 col. pls. figs.

Zahnd, J. P. Sur les modifications histologiques du squelette des oiseaux pendant la mue. *C.R. Soc. Biol. Paris* **148** : 1491-1493 figs.

Zalataev, V. S. The scale to the estimation of the bird's fatness. *Zool. Zh.* **35** : 441-444. [In Russian].

Zasukhin, D. N. and others. *Atoxoplasma* and *Toxoplasma* in birds. [Summary]. *Zool. Zh.* **35** : 1799-1808 2 figs.

Zeira, M. Observations of the Lämmergeier in Israel. Data on bird-migration from Israel. *Aquila* **59-62** 1955 : 466-467.

Zheleinin, V. A. Bird migration in the environs of Elva in Estland. *Ornith. Conf. Riga* 1951 1953 : 135-139. [In Russian].

Ziegeler, R. *see* Schifferli.

Ziegner, J. Ortolan Bunting's occurrence at Békasmegyer : 449. Albinistic birds : 458. *Aquila* **59-62** 1955.

Zimmerman, D. A. Summer status of the Winter Wren in southern Michigan. *Jack-Pine Warbler* **34** : 141-142.

Zimmermann, H. Brutbiologisches vom Mauersegler (*Microtus apus*). *Orn. Mitt.* **8** : 89-90.

Zimmermann, K. Böse Elster [English summary]. *Z. Tierpsychol.* **13** : 134.

Zink, G. Die Verwendung der Randlochkarte für die Wiederfundkartei. *Int. orn. Congr.* **11** 1954 [1955] : 662-664.

Zwilling, E. Reciprocal dependence of ectoderm and mesoderm during chick embryo limb development. *Amer. Nat.* **90** : 257-265.

Zwilling, E. (1). Interaction between limb bud ectoderm and mesoderm in the chick embryo. I. Axis establishment. *J. exp. Zool.* **132** : 157-172 pl.

II.—SUBJECT INDEX

References to the "Titles" is by the name(s) of the Author(s) printed in clarendon type.

GENERAL LITERATURE AND HISTORY

General Works : Faunal.—France, **Barruel** ; Coloured plates of Central African birds, **Carter**, T. D. ; South African List, **Clancey** (6) ; U.S.S.R., **Dementiev & Gladkov** ; German field guide, **Döderlein, Stresemann** ; Birds of Chicago, **Ford**, E. R. ; Descourtilz's Brazil birds, **Haverschmidt** (1) ; Washington State, **Jewett** ; List for Turkey, **Kasparyan** ; Birds of Japan, **Kobayashi** ; Andes of Central Peru, **Koepcke** ; Birds of Rumania, **Lintia** (1) ; Iraq, **Moore & Boswell** ; Bolivia, **Niethammer** ; Spain, **Pozo Lora** ; El Salvador, **Rand & Traylor** ; South Africa, **Rudebeck** ; Check-list for Kansas, **Tordoff** (1) ; East Africa, **Van Someren** ; Birds of German coasts, **Wachs**.

General Works : Miscellaneous.—How to watch birds, **Barton** ; Bird photography in Australia, **Chaffer** ; Bird photography, **Cott, Warham** ; Cave vertebrates of North America, **Dearolf** ; African game animals, **Delacour, Edmond-Blanc** ; Biology, **Hann** ; Ornithologists' Guide, **Hutson** ; Bird watchers reference book, **Lister** ; Manual of Ornithology, **Pettingill**, Field guide, **Prud'homme** ; The place of ornithology in science, **Thomson** ; American birds in art, etc., **Welker** ; Recent studies in avian biology, **Wolfson**.

History.—New York State ornithology, **Belknap** ; Swedish ornithology, **Dixelius** ; Frederik II bird names (1194-1250), **Kraak** ; Sparrow control in Bavaria, **Kumerloeve** (1) ; Bavaria, **Kumerloeve, Lehmann** ; Parkinson's Journal 1773, **Lysaght & Serventy** ; Italian rare book, **Sevesi** ; A century of ornithology, **Sibley** (1) ; Comenius 1631, **Sovágo** (1) ; Jean Cabanis in America, 1839-40, **Stresemann** (4) ; Bird-catching, **Sunkel**.

Bibliography.—German literature, **Bruns** ; Swedish literature 1955, **Armington** ; Broinowski's Australian

birds, **Iredale**; Index to "The Nation", **McAtee**; Argentine note on Edward Lear, **MacDonagh**; Tom Iredale's writings and scientific names, **McMichael & Whitley**; Hervieux de Chanteloup 1683-1747, **Milon** (2); New York State, **Parkes & Benton**; Early Canadian drawings, **Schorger**; North Dakota ornithology, **Stephens**.

Obituaries.—Dr. L. Gill, **Brockhuysen** (1); Egdar P. Chance, **Charteris**; A. Ezra, **Delacour** (3); S. G. Jewett, **Gabrielson**; W. G. Gobbick, **Gebhardt**; Robert Poncy, **Géroutet** (3) (10); T. S. Palmer, **McAtee** (1); W. A. Payn, **Meinertzhagen** (1); O. Natorp, **Niethammer** (1); C. Wesenberg-Lund, **Salomonsen** (2); Miss J. A. Fletcher, **Sharland**, M.S.R.; L. Tinbergen, **Verwey**, **Vooos** (2), **Wilcke**; A. W. P. Robertson, **Porter**, S. C., **Yeates**.

Portraits.—Peter Scott, **Davis**, H. H.; S. G. Jewett, **Gabrielson**; T. S. Palmer, **McAtee** (1); Miss J. A. Fletcher, **Sharland** (2); L. Tinbergen, **Verwey**; A. W. P. Robertson, **Yeates**.

Biographies.—L. Agassiz Fuertes, **Boyton**; R. T. Peterson, **Larson**; Sir Walter Williamson, **Hall** (1); E. Tauber, **Stadler** (4).

Classification.—Character displacement, **Brown**, W. L. & **Wilson**; Ardeidae genera, **Bock**, **Parkes**; Oscines, **Boetticher**; Review, **Corti** (1); Morphism, **Huxley**; The species of *Apus*, **Lack** (4); Systematic relationship of genus *Fringilla*, **Mayr**, **Andrew & Hinde**; Sequence of Passerine families, **Mayr & Greenway**; Sympatry and allopatry, **Parkes**; Portuguese note, **Sacarão**; Subspecies and clines, **Sibley**; Species recognition, **Spurway**; Pseudo-subspecies, **Vaurie**; Systematics of Anseriformes, **Verheyen** (1); Finnish work, **Voipio** (2).

Taxonomy and Nomenclature.—Status of geographical names only differing by spelling, **Declaration 23**; Gender of 98 genera, **Direction 26**; Addition to official list, **Direction 35**; Rejection of Tunstall's nomenclature, **Direction 38**; *Colymbus* suppressed in favour of *Gavia* and *Podiceps*, **Opinion 401**; Invalid names of two Asiatic Woodpeckers, **Opinion 402**; Official

List specific names of *Alauda* spp., **Opinion 403**; *Pyrrhocorax* valid name for the Chough, **Opinion 404**; *Turdus philomelos* official name for the Song Thrush, **Opinion 405**; *Podiceps nigricollis* official name for the Black-necked Grebe, **Opinion 406**; Suppression of four Lichtenstein names, **Opinion 407**; *Emberiza pyrrhulinus* validation, **Opinion 408**; Suppression of seven Gmelin names, **Opinion 409**; Suppression of three Forster and one Latham name, **Opinion 410**; Two spelling emendations, **Opinion 411**; Suppression of eighteen Linnaeus names in Edwards' Natural History 1776, **Opinion 412**; Proposed suppression of specific name *munda* in *Procellaria*, **Alexander & others**; Proposed validation of *Heteralocha*, **Fleming**, C. A.; Name of the Philippine Pelican, **Grant**; *Podiceps*, **Grensted**; *Gavia*, **Heming**; Proposed suppression of specific name *ferox* in *Accipiter ferox*, **Hemming** (1); Apodidae valid family name, **Holthuis & Hemming**; Genera of Swifts, **Lack** (3); *Coracia* Brisson 1760, **Mayaud** (6); British Ornithologists' Union taxonomic committee's report, **Meinertzhagen** (2); Horniman's preliminary descriptions, **Amadon**, **Grant Vaurie** (7); Suppression of Horniman's pamphlet, **Paynter & others**; Proposed validation of *punctata* as specific name for Hottentot Teal, **Ride & others**.

Vernacular Names.—Welsh names, **Davies**, T.; English names, **Editorial**; Middle American birds, **Eisenmann**; New York birds, **McAtee** (2); Spanish names, **Pozo Lora**.

Folklore.—Irish, **Ruadháin**.

Museums and Institutions.—Australian reports, **Binns**; Spirit specimens, **Beyer** (3); Refurbishing faded mounts, **Davidson**, R. R.; Embalming specimens in the field, **Diez**; Sempach, **Géroutet** (1); Wildfowl Trust, **Homes**; Erlangen, **Kattinger**; Vogelwarte Radolfzell-Rossitten, **Kuhk & Schüz**; 73rd meeting of A.O.U., **Mayfield**; Dansk Ornithologisk Forenings, **Salomonsen** (3); Preservation of birds' nests, **Spencer**, J. L. & **Kennard**; London Zoo, **Street** (1); Leningrad conference, January 1956, **Stresemann** (2); 31st

supplement to the A.O.U. check-list [**Wetmore & others**].

Oology.—**Coltart** ; Egg measurements in north Portugal, **D'Almeida** ; Number of eggs of Laro-Limicolae, **Ferry** ; Mixed plover clutch, **Kate** ; House Wren, **Kendeigh & others** ; General study, **Makatsch, W. (4)** ; Czecho-Slovakia, **Matoušek, B. (2)** ; German marsh birds, **Schlotter** ; Studies on egg shells, **Tyler**.

Fossil Birds.—Pleistocene of Florida, **Brodkorb** ; Russia, **Condal, Dementiev, G. P.** ; Hungarian study, **Janossy** ; Portuguese note, **Teixeira** ; Check-list for North America and West Indies, **Wetmore (1)** ; In New Zealand caves, **Yaldwyn**.

STRUCTURE

General.—Function of tail, **Borodulina** ; Anatomical variation, **Berger (4)** ; Cranial morphology, **De Kock, Fourie** ; Morphology of head, **Hofer** ; Studies on the phylogeny of birds, **Holmgren** ; Elbow joint articulation, **Joudine** ; Aerated bones, **King, A. S. & Kelly**.

Cytology.—Pancreas in duck, **Müller, J., Runge & Ferner** ; Karyogram studies, **Udagawa**.

Myology.—Jaw muscles of Great Crested Grebe, **Bams** ; Wing muscles, **Berger** ; Sandhill Crane, **Berger (5)** ; Wing of Pygmy Falcon, **Berger (6)** ; Whooping Crane, **Fisher & Goodman** ; Bird and bat compared, **George & Jyoti**.

Teratology.—Dwarf lethal in turkey, **Asmundson & Pun** ; In plumage, **Koecke** ; In Mendoza Museum, **Rusconi** ; Note, **Sage, B. L. (4)** ; Sparrow's beak, **Uhlenhaut**.

PHYSIOLOGY

General.—German Text-book, **Buddenbrock** ; Digestibility of carbohydrate complex, **Bolten** ; Water requirement of doves, **Bartholomew & Dawson** ; Chromosomes, **Brink & Ubbels** ; Seasonal recrudescence of the thymus, **Höhn** ; Functional anatomy of birds, **Worden**.

Circulatory System.—Blood temperature, **Eisentraut** ; Modifications of pattern in aortic arch system, **Glenny** ; Heart of fowl, **Prakash**.

Alimentary System.—Influence of albumen on the development of the digestive track in duck, **Ragozina**.

Respiratory System.—In fowl, **King, A. S.**

Nerves and Sense Organs.—Brain plexuses, **Hilton** ; Nose bristles, **Jany** ; Italian studies, **Pera** ; Hearing, **Schwartzkopff** ; Histochemical character of olfactory glands secretion, **Slotwinski** ; Tit's brain structure, **Skvortzova** ; Smell, **Warham (2)**.

Plumage and Moul.—Moult adaptation in relation to long-distance migration, **Broekhuysen** ; Topography of a bird, **Blake, C. H. (1)** ; Allen Hummingbird, **Aldrich** ; Cortex and medulla of feathers, **Auber** ; Albinism related to age, **Band, Wigzell** ; Day-raptorial birds, **Bástyai** ; Effect of folliculine, **Champany** ; Transitory albinism, **Ghiselin** ; Water soluble compounds in pigeon feathers, **Gross, R.** ; Moult order in wing feathers, **Ingram** ; Histochemistry of juvenile feather, **Koning, A. L.** ; Feather patterns, **Kuhn** ; Evolution of finch colours, **Marler, P. R.** ; Lipochromes in Cotingidae, **Mattern & Völker** ; Feather postures and social signals, **Morris** ; Moult of Kestrel, **Piechocki (1)** ; Hereditary feather shortage in fowl, **Schumann (1)** ; Origin of red pigments, **Stegmann** ; Length of wing and tail in relation to age, **Verheyen (7)** ; Strigidae, **Verheyen (9)** ; Caprimulgidae, **Verheyen (6)** ; Skeletal changes, **Zahnd**.

Body Temperatures.—Young pelicans, herons and gulls, **Bartholomew & Dawson (1)** ; Kiwis, **Farner** ; Capercaillie chicks, **Lindahl & Marcström** ; **Udvardy (1)**.

Growth and Weight.—Weight changes, **Blake, C. H. (1)** ; Light and the development of Geese, **Blagodatskaya** ; Jamaican birds, **Blake (3)** ; Analysis of weights from Skokholm, **Browne, K. & E.** ; Importance of light, **Novikov & others** ; Rate of growth of ducks hatched in various periods of the year, **Novikov & Manzhelēi** ; Hungarian birds, **Vasvári**.

Experimental Biology.—Tolerance phenomena, **Hašek** ; Blood, **Hublé** ; Photostimulation of an equatorial bird, **Marshall & Disney** ;

Photoperiod-induced lipid deposition, **Odum & Major** ; "Morkit" experiments on sparrows, **Praygodda** ; Motor-food conditioned reflex in fowls, **Tuge, Shima & Koga**.

Biochemistry.—Ash and iron content in muscles, **Alexander, K. M.** ; Copper content of liver and blood, **Beck, A. B.**

DEVELOPMENT

Embryology.—Development of chondrocranium of ostrich, **Frank** ; Embryonic development of hind limb, **Hampé** ; Development of liver, **Kingsburg** ; Development of knee joint, **O'Rahilly & Gardner** ; Development as evolution problem, **Portmann** ; General, **Witschi** (1).

Embryology.—Morphogenesis of avian tendon, **Jackson** ; Bone structure, **Martin, A. V. W.** ; Development of domestic duck, **Ragozina** (1) ; Structure of yolk film in the hen's egg, **Shalumovich** ; Brain, **Stingelin** ; Foregut development, **Bellairs** ; Pineal body, **Vidmar** ; Sexual differentiation, **Wolff** ; Limb development, **Zwilling**.

Experimental Embryology.—Experiments with grafting in hens' and pheasants' eggs, **Gashek** ; X ray effects, **Goffinet** ; Sex, **Kaufman** ; Cross-beak and other mutations of fowl, **Landauer** (1) ; Action of sex hormones, **Maraud** ; Limb bud experiments, **Zwilling** (1).

REPRODUCTION AND SEX

General Problems.—Turning of egg in uterus, **Clavert & Vintemberger** ; Varying effects of sex hormones in birds, **Fraps** ; Spermatogenesis of duck, **Gupta** ; Urogenital system of birds, **Kumerloeeve** ; Cock's comb, **Leroy** ; Reproduction in birds: male, **Marshall, A. J.**, female, **Breneman** ; Physiology of reproduction text book, **Marshall, F. H. A. & others** ; Reproductive cycle in Antarctic birds, **Prévost & Bourlière** ; Factor influencing testis coloration, **Serventy & Marshall** ; Spermatogenesis in fowl, **Sharma, Gupta & Nayar** ; Vertebrate gonadotrophins, **Witschi**.

Sexual Periodicity.—Experiments on Juncos, **Engels & Senner** ; Breeding cycles in equatorial Colombia, **Miller, A. H.** ; Seasonal reaction of genital glands in sparrows, **Novikov** ; Experimental modification, **Schildmacher** (1) ; Experiments in illumination, **Vaugien** (1) ; Experimental prolongation of brood in Goldfinch, **Vaugien** (3).

Inter-sexuality.—Australian Magpie, **Marshall, A. I. & Serventy** (1).

Hybrids.—Fieldfare × Blackbird, **Fontaine** ; Behaviour pattern unchanged, **Hinde** ; Duck × teal, **Holgersen** (3) ; Turtle × Barbary Dove, **Lowe, J. R.** ; Finch, **Moltoni** (1) ; Pheasants, **Perekhrest** ; Jay, **Pitelka & others** ; Peacock × Guinea fowl, **Vicenzi** ; Experiments, **Vojtiskova & Knize** ; Duck, **Voous** (3).

EVOLUTION AND GENETICS

General Problems.—Evolution of Ratites, **De Beer** ; Problem of diastatasy, **Steiner** (1).

Genetics.—Fowl hybrids, **Dobrinina, Romanovski** ; Hybrid-substance in doves, **Miller, W. J.**

Experimental Genetics.—Cyclopia, **Landauer**.

HABITS AND ECOLOGY

General Problems.—Conflict behaviour, **Andrew, R. J.** ; Danish studies, **Braestrup** (1) ; Method for describing habitats, **Emlen** ; Dispersal mechanisms, **Fisher, J.** ; Method of watching tit flocks, **Flint & Shilova-Krassova** ; Bird transportation by cyclones, **Gentilli** ; Problem of escaped captive birds, **Goodwin, D.** (1) ; Tropics, **Graetz** ; Sea bird population changes in New England, **Gross, A. D.** ; Planning work, **Heyder** (3) ; Communities of breeding birds in Hungary, **Horváth** (3) ; Birds attending Army Ant raids in Panama, **Johnson, R. A.** ; Biotope alterations in Belgium, **Kesteloot** ; Isolated bird-populations origin, **Løpenthin** ; Changes in South-eastern Europe, **Makatsch, W.** ; European avifauna in last glaciation, **Moreau** ; Aerial hostile behaviour in Gulls, **Moyrihan** ; Birds of the reed beds,

Oldberg ; Biogeography, **Omodeo** ; What constitutes scientific data for study of distribution, **Van Tyne** (2) ; Low reproduction rates, **Wynne-Edwards**.

General Habits : Single species.

—Black Tern, **Baggerman & others** ; The Honey-Guides, **Friedmann** ; Hornbill, **Kilham** (2) ; Swift, **Lack** (1) ; Umbrella Bird, **Sick** (2) ; Tropical Kingbird, **Skutch** ; Ruddy Ground Dove, **Skutch** (2).

Psychology.—Fear responses in buntings, **Andrew, R. J.** (1) ; Little known types of behaviour in fowl, **Baeumer** ; Family integration in ducks, **Collias** ; Learning in young gulls, **Goethe** (1), **Pfeffer-Hülsemann** ; Animals in zoos, **Hediger** ; Following response of young coots, **Hinde & others** ; Goose-behaviour in fowl chick, **Klopfer** ; Instinct, **Koehler** ; Acquired characters in domestic fowl, **Korepanova-Kopilovska** ; Fighting in Chaffinches, **Marler** (3) ; In young birds, **Nice** ; Observations on Bullfinches, **Nicolai** ; Blind chick note, **Podhradský** ; In captivity, **Tanner** ; Learning and instinct, **Thorpe** (2) ; Duckling experiments, **Weidmann** ; Libido and sex-drive differences in cockerels, **Wood-Gush & Osborne**.

Territorial Habits.—Yellowhammer, **Andrew** (4) ; Wren, **Armstrong** (1) ; Partridge, **Black & Ash** (1) ; Nesting space required, **Beer, Frenzel & Hansen** ; Wheatear, **Conder** ; Red-backed Shrike, **Durango** ; Meadowlarks, **Lanyon** ; Tits, **Gibb** ; Rock Pipit, **Gibb** ; Pied Flycatcher, **Haartman** (2) ; Biological significance, **Hinde** (2) ; Great Crested Grebe, **McCartan & Simmons** ; Chaffinch, **Marler** (2) ; Hawfinch, **Mountfort** (1) ; Little Ringed Plover, **Simmons** (1) ; Gulls, **Tinbergen, N.** ; Blackbird, **Snow** (4) ; Nutcracker, **Swanberg** ; American Robin, **Young**.

Courtship and Display.—**Armstrong** ; Finches, **Hinde** (1) ; Red-winged Blackbird, **Nero** (1) ; Hazel hen, **Pynnönen** ; Ducks, **Ramsay** ; Note, **Rittinghaus** (3) ; Manakins, **Snow** (1) ; In Brown Leghorn Cock, **Wood-Gush**.

Voice and Song.—Do birds hear as we do ? **Ansley** ; Variation in wren songs, **Borror** ; Wood Thrush, **Borror & Reese** ; Quelea, **Busnel & Gramet** ; Diagrammatic expression of seasonal intensity, **Cunningham** ; Italian birds, **Dathe** (1) ; Behaviour during total solar eclipse, **Ehrström** ; Beginning and end of daily song period, **Groebbels** (1) ; Monotony-threshold, **Hartshorne** ; Analysis, **Marler** ; Chaffinch, **Marler** (1) (4) ; Phenological data, **Mayer** ; Origin, **Merkel** ; Note, **Saunders** (2) ; Conversational calls, **Simms** ; Analysis, **Solavalta** ; German bibliography, **Stadler** ; Comparison study in thrushes, **Stein** ; Analysis, **Thorpe** ; Popular note, **Thorpe** (4).

Miscellaneous Habits.—Distraction display and the human predator, **Armstrong** (2) ; Mobbing behaviour, **Altmann** ; Birds alighting on the sea, **Ballance, Billett** ; Hibernation, **Eisentraut** (2) ; Sentinel duties among Cockatoos, **Erickson** ; Diving depths of waterfowl, **Huber** ; Drinking habits in desert Bechuanaland, **Irwin** ; "Anting", **Ivor** ; Birds in an earthquake, **McClure** ; Offering nest-material, **Möbius** ; Social habits, **Peitzmeier** (3) ; Snow-bathing, **Pfeifer** (1) ; "Anting" experiments, **Poulsen** ; Tits opening milk bottles, **Ruwet** ; During total eclipse of sun, **Tabor**.

Feeding Habits.—Bird pellets, **Anon.** (12) ; "Hawking" insects, **Bartlett** ; Experiments with artificial gape, **Betts, M. M.** ; In Cumberland, **Bleazard** ; In Belgian woods, **Bruns** (2) ; Blackbird feeding tits, **Clemens** ; Gulls feeding on grain, **Davis, T. A. W.** ; Analysis of Snails eaten by birds, **Keve** (3) ; Swallow feeding on sand-hoppers, **King, B.** ; Caterpillars in Queensland, **Lord** (1) ; Catching food by birds of prey, **März** ; Popular note, **Middlemiss** ; Crow in Kansas, **Platt** ; Nestlings, **Pokrovskaya** ; Foot-stirring, **Rand** (3) ; Acorns, **Rustad** ; Beetles, **Schmidt, G.** ; Food production in the sea and annual cycle of marine birds, **Salomonsen** (1) ; Development of habits, **Thorpe** (3) ; Pyracantha fruit, **Udagawa** (1).

Nidification : General.—Multiple nest building, **Brunfeldt & others** ; Russian note on egg laying factors,

Belopolsky ; South Africa, nest record scheme, **Campbell**, T. ; Clutch size in polygamous birds, **Haartman** ; Wasps as protectors of birds' nests in S.W. Africa, **Hoesch** ; Communal nesting, **Janisch** ; Song birds, **Jung** ; Nest-appropriation, **Lane** ; General account, **Makatsch**, W. (3) ; Insects in nests, **Pependiker** ; Use of glass wool, **Werner**.

Nidification : Regional Studies.

—Spain, **Bernis** ; E. Africa, **Benson & Pitman** ; Switzerland, **Géroutet** (5) ; Hungary, **Kiss** ; Sicily, **Krampitz** ; Panamanian nests and eggs, **Blake**, E. H. ; France, **Labitte** ; Camargue, **Hoffmann**, **Lévêque** (4) ; Czecho-Slovakia, **Matoušek**, F. ; Belgian Congo, **Prigogine** ; Netherlands, **Vries**, T. G. de.

Nidification : Single species.

Observation at Hornbill's nest-hole, **Bartels** ; Swallows nesting under bridges, **Berger** (7) ; Fieldfare and Shrike in adjoining nests, **Diesselhorst** (3) ; Mound making by Megapodiidae, **Frith** (1) ; Bumble bee parasitism, **Mackenzie** ; Effect of myxomatosis on tit nests, **Mackenzie**, J. M. D. ; Terns, **Rooth** ; Brazilian Swifts, **Sick**.

Brood Parasitism.—Blue Grosbeaks by Cowbirds, **Bleitz** ; American Robin repels Cowbird, **Leathers**.

Incubation and Fledging Periods.

—Survival of young in desert conditions, **Bartholomew & Dawson** (1) ; Note, **Haartman** (1) ; In Arctic bird nestlings, **Irving & Krog** ; General account, **Makatsch**, W. (2) ; Experiment in exchanging chicks, **Vilks** (1).

Flight.—Intention movements and their use in systematics, **Andrew**, R. J. (2) ; Small birds, **Bodenstein** ; Apparatus to measure landing and take-off forces, **Fisher**, H. I. ; General review, **Gray** ; Kingfisher and Swift, **Groebels** ; Model of wing feathers, **Reichel** ; Migrating ducks flying 4,750 feet above the ground, **Riggs** ; Russian studies, **Shestakova** ; Comparison with machines, **Weltry**.

Homing and Orientation.—Criticism of experiments, **Arnould-Taylor & Malewski** ; Animal navigation, **Carthy** ; Experiments with terns, **Goldsmith & Griffin** ; Sun com-

pass, **Kramer**, G. ; Directional differences in pigeon homing, **Kramer**, **Pratt & St. Paul** ; Pigeons, **Kramer & St. Paul** ; Orientation, **Médioni** ; Dutch study, **Vleugel** (1).

Migration : General.—Sampling by trapping, **Bergstrom & Drury** ; Semi-popular account, **Creutz** ; **Drost** ; Sense of time **Gauroy** ; **Geyr von Sweppenburg** ; Travels and traditions of waterfowl. **Hochbaum** ; Russian studies, **Isakov** ; Examination of gastrolites, **Isakov** (1) ; Australian birds, **Keast** ; **Kipp** ; Spanish investigation, **Klaiber** ; Premigratory fat deposition in a finch, **McGreal & Farmer** ; Flight-lines, **Malmberg**, **Dobben** ; Origin of migration in Pacific, **Mayr** (5) ; Lipid levels in migrating birds, **Odum & Connell** ; Meteorological variables, **Raynor** ; Evolutionary significance, **Salomonsen** ; **Schilmacher** ; Value of field observations, **Tinbergen**, L. (1) ; Visual observation at night, **Tunmore** ; Year and day rhythm experiments, **Wagner**, H. O. (1) ; Migrational drift, **Williamson**, K. ; Physiological considerations, **Yapp** (2).

Migration : Single species.—North African storks, **Bouet** ; British Swifts, **Hurrell** ; American Warblers, **Edwards & Tashian** ; Hawks in Tennessee, **Finucane** ; Compass directional training of meadowlarks, **Saint-Paul**.

Migration : Regional Observations.—Delayed emigration from Britain in autumn 1954, **Barnes** ; New York State, **Beardslee & others** ; Bihar, Hungary, **Beldi** ; Spain, **Bernis** (2) ; Mecklenberg, Germany, **Brenning** ; South Africa, **Brockhuysen** (2) ; German arrival dates, **Bruns** (1) ; Bird-ringing in Tunisia, **Castan**, **Arnould & others** ; Turdidae arrivals in Essex, **Chettleburg & Lerner** ; Autumn migration on east coast of Britain in relation to weather, **Cornwallis** ; Ottenby, Sweden, **Danielsson** ; Switzerland, **Géroutet** (7) ; Kintyre, Scotland, **Goodbody** ; B.E.N.A. enquiry, **Hebditch** ; Sahara, **Kullenberg** ; Baltic Republics, **Kumari**, E. V. ; Southern Pyrenees, **Lomont** ; European migrants at sea near Cape Verde, **Mills** ; Iberian Peninsula, **Moreau** (1) ; Straits of Gibraltar, **Moreau** (3) ;

West Jutland, **Ferninand & others**, **Nisbet** (3); Small waders in Britain, **Nisbet & Vine**; Arrival of English spring migrants 1955, **Pearnton**; Smith's Knoll Light-vessel, **Peakall**; Cap Gris Nez, **Redman**; Northern Arizona, **Phillips**, A. R.; Estonia, **Poder, Kumari**; Clyde area, **Robertson**; Western palaearctic region, **Rudebeck** (1); Odenwald, Germany, **Sachs**; At sea off West Africa, **Serle** (4); Siberia, **Skalon**; Michigan, **Southern**; Swiss Alps, **Sutter**; Pyrenees, **Lack**; Falsterbo, Sweden, **Ulfstrand**; Palaearctic migrants in Belgian Congo, **Verheyen** (8); Netherlands, **Vleugel**.

Bird-Ringing : Results.—African recoveries, **Anon.** (9); Cape Bon, Tunisia, **Arnould & others**; South Africa, **Ashton**; France, **Barriéty**; New Zealand, **Bull**; 10 year life history of a Chimney Swift, **Dexter**; Sweden, **Fontaine** (1); Iceland, **Gudmundsson** (2); Norway, **Holgersen** (2); Middle Thames, **Huddart**; Denmark, **Johansen** (1); Alcidae in Russia, **Kartashev**; Netherlands, **June & Taapken, Koridon** (1); Hungary, **Keve, Patkai, Warga**; Great Britain, **Leach**; Finches note, **Lüders**; Russia, **Mikheev, Ryabov**; Morocco, **Panouse & Onteniente**; Spain, **Sáez-Royuela, Anon.**; Greenland, **Salomonsen** (4); Germany, **Schnabel**; Latvia, **Taurinsh & others**; British Chats, **Thomson** (1); Finland, **Välikangas & Nordström**; Belgium, **Verheyen** (11).

Bird-Ringing : Methods.—Introduction, **Blake**, C. H. (4); Tunisian trap, **Castan** (1); Netting swallows, **Hocheder [& Scheithe]**; General note, **McClure**; Note, **Meanley** (1); Finland, **Nordström**; **Rydzewski** (1); Banding burrowing petrels, **Serventy**, D. L. (2); Trapping quail, **Tarshis**; South Georgia, **Stonehouse**; Registration cards, **Zink**.

Ecology : Regional Studies.—Bookham Common, Surrey, **Beven**; Minnesota, **Farmes, Hickey, Gates & Beer**; Lundy, **Gillham**; Autumn distribution in a Washington canyon, **Golley & Johnsgard**; A small Swiss wood, **Paccaud**; Wurzburg Park, **Rosenberger**; Wading-birds on sea-

shore, **Smyth**; Bird colonies in Prague zoological gardens, **Wahl**.

Population Studies.—50 years changes in Wisconsin, **Buss & Mattison**; Ducks in the Camargue, **Hoffman & Penot**; Minnesota, **Kendeigh**; Fluctuations, **Koskimies** (1); Variations in the reproductive rate, **Lack** (2); Pheasants in Wales in XIX century, **Matheson**; Ile Rouzic, France, **Milon**; In a spruce forest in Slovakia, **Turček** (3); Danube island, **Turček** (4); Waddenzee tidal flats in severe winter 1955-56, **Verwey** (2); Northern Rhodesia, **Winterbottom** (5); Line transects, **Yapp**.

Conservation.—Spain, **Anon.** (1); Egypt, **Al-Hussaini**; Michigan, **Allen, Kenaga**; Problem on grasslands in California, **Anderson**, W. E.; Dungeness, **Axell**; International reserves for migratory birds, **Baan**; International protection, **Barclay-Smith**; Spain, **Bernis** (8); Pheasant in Michigan, **Blouch**; Camargue, **Brissou**; Great Britain, **Brown**, P. E.; U.S.A. Refuges, **Butcher**; New Zealand, **Falla**; Duck stamps and wild life refuges, **Farley**; Protection for ground nests, **Haverschmidt** (4); Oil menace, **Henneberg**; Hungary, **Korompai**; Woodpeckers damage nest-boxes, **Martini**, E.; Estonia, **Masing & Laasimer, Järvekülg**; Bird protection in U.S.A., **Mayfield**; Jack Miner's predators, **Mayfield** (1); Magpies, **Murie**, O. J.; Control of Spring shooting in Sweden, **Notini & Westman**; Ireland, **O'Ruadhain**; Friesland, **Ploeg**; Tunisia, **Postel** (1); Natal, **Pringle**; Bird houses, **Sawyer**; Artificial swallows' nests, **Schifferli**; Prairie ducks, **Sowls**; Hofstade Lake, Belgium, **Suetens**; Everglades, Florida, **Teale**; Nest boxes in public parks, **Utey**; Hungary 1950-51, **Vertes, Warga**; Poisons and wildlife, **Yeager**.

Economics.—Possible effect of sewage pollution on duck abundance, **Alperin**; Poulardization of ducks, **Arañez & Sagain**; Birds destroy spruce saw-fly, **Bruns** (4); Vultures as disseminators of anthrax, **Bullock**; Use of poisons, **Chentzova**; Birds

and man in Australia, **Cleland**; Exploitation of guano in Peru, **Drost (4)**; Dutch duck decoys, **Eygenraam**; Effects of DDT, etc., on pheasant reproduction, **Genelly & Rudd**; Value of wild birds in Russia, **Gladkov**; Guano islands, **Green, L. G.**; Destruction of may-bug larvae, **Homonnay**; Cross breeding experiments with domestic fowl, **Kushner & Kitaeva**; Birds as insect controllers, **Manninger**; Importance of Kestrel in pest-control, **Piechocki**; Woodpeckers and forests, **Pospelov**; Damage to crops by rooks and pigeons, **Rappe**; Guano, **Rauh**; Bird damage investigation, **Ridpath & Murton**; Hybridization of fowl, **Romanovski**; Control of Sparrows in Kazakhstan, **Stegman**; Biological principles, **Teplov & Kartashev**; Damage to fruit, **Taylor & Ridpath**; Elimination of broodiness in fowl by use of Prolactin (V), **Yamashina**; Forestry, **Turček**; *Tortrix* eaters in Czecho-Slovakia, **Turček (2)**.

Introduction and Naturalisation.

—Muscovy Duck in Africa, **Jeffreys** Birds as vectors of *Mytilaster lineatus* (a mussel), **Mozhaev**; Criticism, **Pierce** Bulbuls in Auckland, N.Z., **Turbott (2)**; Pheasant in New Zealand, **Westerskov**; Hungarian Partridge in Ohio, **Westerskov (1)**.

Aviculture.—Hand-rearing of parakeet, **Blaxland**; **Boosey**; Birds Illustrated, **Buckley Press**; Cure for "broken wing", **Lake**; Waders, **Lippens**; Penguins, **Nouvel & Rijnard**; Tanagers, **Reid-Henry**; Owls, **Rourke**; London Zoo, **Street**; Births and deaths in Paris zoo, **Urbain & others**; Establishing strains of breeding parakeets, **Vane**.

Longevity.—Extreme old age, **Bergstrom**.

Parasites.—**Baer**; Protocalliphora on nestlings, **Charvoz**; Mallophaga, **Corbet**; Parasitology, **Dubinina**; In evolution problems, **Eichler**; Relationship proof of waders, **Timmermann, G.**; Wild birds as virus carriers in West Nile Delta, **Work, Hurlbut & Taylor**; *Toxoplasma* in birds, **Zasukhin & others**.

Enemies and Defence.—Crows and weaver-birds, **Ali**; Sparrow kills Flycatcher, **Damm**; Mobbing, **Dales**; Notes, **Kumerloeve & Klamma**; Birds dangerous to man, **Rand**; Goshawk captures American Crow, **Verme**; Spotted Flycatchers and squirrels, **Wallace, D. I. M. (1)**; Viper and ground breeders, **Woschinski**.

Pathology and Disease.—Blind owl, **Aellen**; Antibodies experiments, **Brierley & Hemmings**; Tuberculosis, **Chitty**; Radioactive contamination, **Harrison, J. M. & J. G. (1)**; Tubercular Wood Pigeon, **Harrison, J. M. & J. G. (2)**; Hemiatrophy, **Harrison, J. G. & Wayre**; Trichinosis in Jay, **Heurn**; In British wild birds, **Jennings & Soulsby, McDiarmid**; Tumours, **Kast**; Anomalous condition in eye of some hawks, **Lord, R. D.**; Ornithosis in petrel, **Mykityowycz, Dane & Beech**; Helminth parasites, **Odlaug**; Marine trematodes, **Oguri & Chu**; Antirachitic effect of ultra-violet light, **Olsson**; Tuberculosis in Wigeon, **Randall & Harrison**; Foul-pest, **Turček**; Q Fever in birds, **Syrůček & Raska**; Microphthalmia, **Wallace, G. J. (2)**; Pox virus of Junco, **Worth**.

Mortality.—Lead poisoning **Auer**; Shooting pressure on Geese, **Elder**; Young gulls, **Emlen (1)**; Road deaths, **Finnis**; Effects of DDT and other insect controls, **Genelly & Rudd**; Calculation from ringing data, **Halldane**; Destruction of Warblers on Padre I., Texas, 1951, **James**; Swallows in Hungary, 1949, **Keve (2)**; Slugs destroy nestlings, **Konok**; Egg-bound dove, **Kossack**; Hailstorms, **Kuhk**; At Tennessee ceilometers and value of light screens, **Laskey**; Giant Clams, **Manson-Bahr**; Plover killed by giant bug, **Pitman**; Oil menace to breeding colonies of seabirds, **Rittinghaus (1)**; Mourning Dove in 1950–51, **Schultz**; Insecticides, **Springer**; Cold February 1956, **Steinbacher (3)**; House Sparrow, **Summers-Smith (1)**; Swallows in Netherlands 1953, **Taapken**; At airports, **Terres**; On nocturnal migration, **Tordoff & Mengel**; Tit caught in thistles, **Vida**; Tern eaten by fish, **Wilkie**.

III.—DISTRIBUTION

References to the "Titles" is by the name(s) of the Author(s) printed in clarendon type.

(a) GEOGRAPHICAL

PALAEARCTIC REGION

British Isles.—Boyd, A. W. (1).

England.—Northumberland & Durham, **Temperley, Bell, M**; Barrow-in-Furness, **Anon. (13)**; Yorkshire, **Govett, Spencer**; Lancashire, **Airey, Boyd, A. W., Edmondson**; Liverpool, **Anon. (1)**; Yorkshire, **Chislett**; Cheshire, **Bell, T. H., Ellison & Craggs, Raines**; Chester, **Williams, T. S.**; West Midland, **Lord, J.**; Staffordshire, **Dutton, Reeve & Ford, Lord & Ford**; Warwick, **Bradford**; Northamptonshire, **Felton**; Cambridgeshire, **Boston**; Cambridge, **Nisbet**; Suffolk, **Cobb**; Lowestoft, **Cook**; Essex, **Friedlein, Snoxell**; London, **Anon., Milne**; Surrey, **Kennedy**; Berkshire, **Field**; Hertfordshire, **Carter, J. S., Sage**; Whitstable, Kent, **Maghraby & Perkins**; Hastings, Sussex, **Ticehurst**; Isle of Wight, **Stafford**; Wiltshire, **Barnes & Peirson**; Dorset, **Ash, Gorringer, Rooke**; Gloucestershire, **Swaine & Charteris**; Bristol, **Chadwick**; Devon, **Stidston**.

Wales.—Cardiff, **Salmon**.

Scotland.—Baxter, **Editors & others**; Argyllshire, **Boyd, J. M.**; Clyde area, **Meiklejohn & Palmar**.

Ireland.—Antrim, **Dove**; Londonderry, **Dove**; Sligo, **Ruttledge (1)**.

Smaller British Islands.—Lundy, **Anon. (14)**; Monach Is., Outer Hebrides, **Allan**; Orkney, **Duffey**; Hoy, Orkney, **Venables, L. S. V.**; St. Kilda, **Boyd & others**; Isle of May, **Eggeling**; Farne Is., **Hickling**; Pembrokeshire islands, **Sage, B.**

Channel Islands.—Jersey, **Graham**.

Atlantic Islands.—Canary Is., **Volsøe**; Faroe Is., **Petersson, I. & Askaner, Salomonsen (1)**; Spitzbergen, **Pennie & Andrew**.

France.—Boutinot, **Breistroffer, Comble, Cougoureux, Mayaud, Pri-**

cam; Normandy, **Trouche**; Paris, **Jonvaux, Rousseau**; Versailles, **Commines**; Saint-Quentin, **Boutinot**; Pyrenees, **Brosset (1)**; Toulouse, **Estanove**; Finistère, **Ferry (1)**; Jura, **Géroutet & Barruel**; Loir-et-Cher, **Reboussin**; Ile de Port-Cros, **Rivoire & Hüe**; Oise, **Deraud**; Camargue, **Vooos (5)**; Vendée, **Roux, F. & Veuillet**; Pyrenees, **Vooos (4)**.

Belgium.—Bousson, **Cuyppers, Leclercq, Maebe & Vloet, Motte & others, Paquet & others, Tricot**.

Netherlands.—Blaak, **Geesteranus, Haan, Houtman, Ivangh, Junge, Kate, Over & Bruijns, Prud'homme van Reine, Stevens, K., Timmerman**; North Brabant, **Braaksma**; Texel, **Géroutet (6)**; Oostelijk Flevoland, **Kate**.

Denmark.—Løppenthin (2), **Nielsen & others, Petersen, E. T., & Jensen, Rasmussen**.

Sweden.—Armington, **Edberg, Gunnarsson, Håkansson, Hannerz, Lundholm, Lundin, Malmberg, Markgren & others, Mathiasson, Notini & Westman**; Olsson, V., **Witt-Strömer**; Lapland, **Acland, Maxse & Peakell**; Gefle district, **Hultberg**; Ottenby, **Jenning**.

Norway.—Poulsen, **Willgohs, Lista, Griffen & others**; Utsira I., **Willgohs**.

Finland.—Brander, **Hüdensalo, Huokuna, Merikallio, Nordström, Piiparinen, Voipio**.

U.S.S.R.—Dementiev & Gladkov, **Ivanov**; Ukraine, **Bub (2)**; Estland, **Kumgri, Tamm, Zhelenin**; Estonia, **Kumari, Mank, Ormo**; Latvia, **Vilks, Mikhelson**; Lithuania, **Ivan-auskas**; Pamirs, **Ivanov (1)**; Jenisei R., Siberia, **Johansen**; West Siberia, **Johansen (2)**; Northern Caucasus mts., **Farkas**; Caspian, **Mikheev (1)**; Azerbaijan, **Gambarov**; Lenkoran, **Loudon**; Kurile Isles, **Podkovyrkin**; Deserts, **Roustamov**.

Poland.—Diesselhorst (2); Masurian Lake District, **Wdowinski**.

Switzerland.—Blanc (2), **Corti Farvarger, Géroutet, Liechtenstein**; Tessin, **Corti**; Graubünden, **Corti & Melcher**; Untersees, **Noll**.

Germany.—Bodenstein, Bub (1), Drost, Jung, Kirchner, Stoll ; Niederrhein, Bettmann (1) ; Hannover, Bub, Ringleben ; Dümmer Lake, Böcker ; Westphalia, Erz ; Saxony, Heyder (1), Köpke ; North Sea, Immelmann ; Osnabrück, Högerebe, Kumerloeve, Brinkmann ; Jordsland, Meise ; Ruhr, Mester (4) ; Schleswig-Holstein, Requate ; Hiddensee I., Schildmacher (2) ; Frisian Islands, Schmitz, J. ; Bavaria, Wüst ; Ismaninger, Bavaria, Wüst (3).

Austria.—Anschau, Ausobsky, Bauer, Freundl & Lugitsch, Creutz (1), Dorn, Hable, Lindenthaler, Mayer & Pertlivieser, Schönbeek ; Tyrol, Beckmann (1) ; South Tyrol, Hedemann, Niethammer (2).

Hungary.—Agárdi, Baboss, Bárszony, Beretz (1), Bethlenfalvy, Bókai, Csaba, Czígány, Dandl, Dörning, Farkas, Festetics, Horváth, Keve, Király, Koronky, Kovér, Lózszy, Lugitsch, Lukács, Machay, Mannsberg, Máté, Meszaros, Nagy, Nesnera, Palkó, Patkai, Sággy, Sárközy, Smuk, Somfai & Szijj, Söregi, Sterbertz, Szabó, Szalai, Szederjey, Szemere, L., Szijj, Urbán, Vertse, Warga, Zeira, Ziegner.

Czechoslovakia.—Ferianc, Matoušek, Turček ; Moravia, Kux ; Ostrava, Holinger & Velecky.

Yugoslavia.—Csornai (1), Kempéry, Matvejev.

Rumania.—Kohl, Lintia (1), Pascovski ; Danube delta, Catuneanu.

Italy.—Caterini, Di Carlo, Favero, Gugg, Moltoni, Toschi ; Dolomites, Marcuzzi ; Pisa, Caterini (2) ; Venice, Gallmann ; Sardinia and Sicily, Steinbacher (8).

Greece.—Flach, Peus ; Macedonia, Dimovski.

Mediterranean.—Niebuhr, Vietinghoff-Riesch, F. ; Sardinia, Bezel (1) ; Crete, Stresemann (1).

Turkey.—Coiffait, Kasparyan.

Near East.—Israel, Hovel, Zeira ; Syria, Misonne ; Iraq, Chapman & McGeoch, Moore & Boswell

Arabia.—Aden, Smith, K. D. ; Oman, Harrison, J. M.

Spain.—Bernis (3) (5), Pozo Lora, Quirós ; Ebro delta, Westernhagen (1) ; East Pyrenees, Raines (1) ; Madrid, Ponce de León & Deetjen.

Portugal.—Sacarrão.

Japan.—Fujimoto, Hayashi, Kobayashi, Kuroda, Mishima.

North Africa.—Morocco, Brosset (2) ; Spanish Morocco, Valverde (1) ; Algeria, Bouet (2) ; Tunisia, Blanchet, Castan, Postel ; Tripolitania, Guichard, K. M.

AUSTRALIAN REGION and POLYNESIA

Australian Commonwealth.—Barrett ; Victoria, Austin ; Pelsart Is., Warham ; Sydney, Fearnley ; South Australia, Glover, Schodde (1) ; Western Australia, Lingren, Sedgwick, Serventy, V. ; Queensland, Lord, Seaton ; Tasmania, Sharland.

New Zealand.—Sibson ; Hawke's Bay, Brathwaite.

Pacific Islands.—New Guinea, Reichenow, Sims ; Solomon Islands, Cain & Galbraith.

ETHIOPIAN REGION

West Africa.—Dekeyser ; French Guinea, Holgersen (1) ; Lagos, Sander ; Togo mountains, Douaud ; Cameroons, Eisentraut ; Dahomey, Berlioz (2) ; Fernando Po, Wolff-Metternich ; Belgian Congo, Curry-Lindahl, Schouteden.

South Africa.—Rudebeck ; Winterbottom (6) ; Cape Province, Briggs, Skead (1), Winterbottom ; Zululand, Rawdon (1) Rhodesia, Brooke, Benson & Serventy, Smithers, R., Campbilit, N. A. & Miles ; Northern Rhodesia, Benson ; Livingstone, N. Rhodesia, Winterbottom (2).

Central and East Africa.—Carter, T. D. ; Van Someren ; Abyssinia, Gajdacs ; Mozambique, Frade & Pinto, Irwin (2) ; Mauritius, Newton.

Madagascar.—Tromelin I., **Brygoo**.

ORIENTAL REGION

Indian Peninsula and Ceylon.—**Berlioz** (4) ; Assam, **Betts**, F. N. ; Bihar Forests, **Ara** ; Duars, Bengal, **Inglis** ; Garhwal, **Lavkumar** ; Nepal, **Ripley**.

Malaysia.—**Gibson-Hill** ; Pulau Perak, **Madoc & Allen** ; Aroa Is., Malacca Straits, **Madoc**, **Gibson-Hill**.

Indo-China.—Korea, **Neff**.

Indonesia.—**Heinrich** ; Negros I., Philippines, **Ripley & Rabor** ; Komodo I., **Hoogerwerf** ; Borneo, **Harrison**, T., **Smythies & Harrison** ; Brunei, Borneo, **Smythies**.

NEOTROPICAL REGION

Central America.—El Salvador, **Felten & Steinbacher**, **Rand & Traylor**, **Steinbacher** (6).

West Indies.—Cuba, **Ripley & Watson** ; Jamaica, **Blake** (3), **Jeffrey-Smith** ; Swan Is., **Paynter** (1) ; Netherlands Antilles, **Voous**.

South America.—British Guiana, **Attenborough**, **Yealand** ; Surinam, **Haverschmidt** ; Colombia, **Olivares**, **Wallace**, G. J. (1) ; Bolivia, **Niethammer** ; Venezuela, **Berlioz**, **Friedmann & Smith**, **Mayr & Phelps**, **Smith**, F. D., Jr. ; Brazil, **Pinto** ; Mato Grosso, Brazil, **Sick** ; Uruguay, **Teague** ; Argentina, **Lagiglia & Utgés** ; Malvinas I., Argentina, **Ringuelet** ; Falkland Is., **Pettingill** (1) ; Peru, **Bond**, **Dorst**, **Koepcke**, **Puente**.

NEARCTIC REGION including MEXICO

Nearctic Region.—Fossil bird check-list, **Wetmore** (1).

Mexico.—**Arellano**, **Rojas** ; Revilla Gigedo Islands, **Brattstrom & Howell** ; Guadalupe I., **Howell & Cade** ; Michoacán, **Paynter**.

U.S.A. Pacific Coast and Rocky Mts.—California, **Cardiff**, **Miller**, A. H. & **Russell**, **Rechnitzer** ;

Nevada, **Gullion & Hoskins**, **Johnson**, N. K. ; Utah, **Porter & Bushman**, **Wilson & Young** ; Montana, **Davis**, C. V.

U.S.A. South Western.—Arizona, **Marshall**, J. T., Jr. ; Texas, **Dixon & Wallmo**.

U.S.A. North Central.—North Dakota, **Stephens** ; Minnesota, **Allin** ; Goehring, **Guttman**, **Hanlon**, **Hofslund**, **Lupient** ; Michigan, **Allen**, **Kenaga**, **Van Deusen**, **Walkinshaw**, **Wallace**, G. J. ; Chicago, **Ford**, E. R. ; Ohio, **Trautman** ; Kansas, **Tordoff** (1).

U.S.A. South Eastern.—Florida, **Amadon** (1) ; Tennessee, **Darnell**, **Finucane**, **Merritt**, **White**, J. B.

U.S.A. North Eastern.—New York, **Beardslee**, **Lippert**, **Parkes & Benton**, **Rising** ; Pennsylvania, **Street**, P. B.

Canada.—British Columbia, **Godfrey** ; Victoria, B.C., **Davidson**, A. R., **Stewart**, H. D. R. ; Nova Scotia, **Lewis** ; Manitoba, **Mowat & Laurie** ; Toronto, **Francis**, **Goodwin**, C. E. ; Baffin I., **Sutton & Parmelee** (3).

Greenland.—**Meinertzhagen**.

Alaska.—**Bailey** ; Aleutian Is., **Weber**, W. M.

THE OCEANS

North Atlantic.—**Thom**.

Indian Ocean.—Amsterdam I., **Paulian**.

Pacific Ocean.—**King**, J. E., **Mayr** (5).

(b) GEOLOGICAL

Pleistocene.—Florida, **Brodkorb** (2) ; Panama, **Wetmore** (4).

Pliocene.—California, **Miller**, L. ; Texas, **Miller & Bowman**.

Miocene.—Florida, **Brodkorb** (1) ; Louisiana, **Wetmore** (3).

Oligocene.—South Dakota, **Wetmore** (2).

IV.—SYSTEMATIC INDEX

The classification of Wetmore, Mayr and Greenway is here followed as regards orders and families.

References to the "Titles" is by the name(s) of the Author(s) printed in clarendon type.

†ARCHAEOPTERYGIFORMES

[No record]

SPHENISCIFORMES

SPHENISCIDAE

* Biology, **Sladen**; General note, **Street, P.**

Aptenodytes forsteri ecology, **Prévost**; *A. patagonica* Tasmanian note, **Sharland (1)**.

Pygoscelis adeliae biology, **Sapin-Jaloustre**.

Spheniscus mendiculus in Panama, **Eisenmann (1)**.

STRUTHIONIFORMES

STRUTHIONIDAE

Struthio camelus morphogenesis of brain, **Krabbe**; osteology of cranium, **Lang**; *S. c. syriacus* taxonomy, **Opinion 413**; †*Struthio (Pachystruthio) pannonicus* **subgen. nov.** Pleistocene, Western Hungary, **Kretzoi**

RHEIFORMES

RHEIDAE

Rhea americana observations on development of young in captivity, **Veselovsky**.

CASUARIIFORMES

DROMICEIDAE

Dromaius novae-hollandiae Victoria nest note, **Lowe, V.**

†AEPYORNITHIFORMES

†*Aepyornis* popular note, **Delacour (1)**.

†DINORNITHIFORMES

[No record]

APTERYGIFORMES

APTERYGIDAE

Apteryx australis mantelli body temperatures, **Farner**.

TINAMIFORMES

TINAMIDAE

Crypturellus noctivagus cursitans **subsp. nov. p. 1, Wetmore & Phelps**

Nothocerus bonapartei General biology, **Anon. (3)**.

GAVIIFORMES

GAVIIDAE

Family-group name to be secured, **Hemming (2)**; Generic name *Colymbus* suppressed in favour of *Gavia* and *Podiceps*, **Opinion 401**.

†*Colymboides minutus* Anatomy study, **Storer (1)**.

Colymbus adamsii taxonomy, **Boetticher (1)**; *C. immer* note, **Taapken (1)**.

Gavia spp. observations on Baffin Island, **Sutton & Parmelee**; *G. immer* migration study, **Preston**; *G. stellata* at 2,000 m. above sea level, **Adler**.

PODICIPITIFORMES

PODICIPITIDAE

Correct form of family-group name, **Grensted**.

Colymbus auritus cornutus behaviour note, **Woolfenden (1)**.

Aechmophorus occidentalis note, **Chatwin**.

Podiceps cristatus jaw muscles, **Bams**; territorial habits, **McCartan & Simmons**; in Estonia, **Onno**; feather-eating and pellet-formation, **Simmons**; *P. griseigena* Italian note, **Moltoni (2)**; distribution in north west Europe, **Thomasson**; *Podiceps nigricollis* specific name for the Black-necked Grebe, **Opinion 406**.

Podilymbus podiceps tame bird, **Laughlin**.

PROCELLARIIFORMES

DIOMEDEIDAE

Semi-popular account, **Boetticher (7)**.

Phoebastria palpebrata note, **Learmonth**; biology, nidification and growth, **Sorensen**.

Thalassarche melanophrys at Mom-basa, **Bednall**.

PROCELLARIIDAE

Sexing petrels in the field, **Serventy** (2).

Bulweria spp. skull measurements, **Bourne**; *B. fallax* Italian note, **Moltoni** (7).

Fulmarus glacialis in Cheshire, **Chubb**; Irish colony, **Davidson**, R. C.; French note, **Milon** (3); increase in northeast Scotland, **Watson**, A. [& others]; short-billed form, **Wynne-Edwards** (1); *F. g. minor* German note, **Goethe & Henneberg**.

Pachyptila belcheri in South Africa, **Winterbottom** (1).

Procellaria puffinus movements in St. George's Channel, **Browne**, P. W. P.; *P. westlandica* Australian record, **Gibson & Sefton** (2).

Pterodroma macroptera breeding habits, **Warham** (4); *P. macroptera* and *P. melanopus* New South Wales records, **Gibson & Sefton**.

Puffinus carneipes Victorian record, **Learmonth**; *P. gavia* in Western Australia, **Watson**, J. A. L., **Keast**; *P. puffinus Newelli* locality correction, **Jouanin**; *P. tenuirostris* breeding cycle, **Marshall**, A. J. & **Serventy** (2); ringing recovery, **Serventy**; breeds when 6 years old, **Serventy** (1).

HYDROBATIDAE

Oceanites oceanicus found in Ontario, **Bastin**.

Oceanodroma leucorhoa former breeding off Co. Kerry, **Goodbody** (1).

PELECANIFORMES

West African spp., **Dekeyser**.

PHAETHONTIDAE

Phaethon rubricaudus note, **Gibson & Sefton** (1).

PELECANIDAE

Notes, **De Puy**; Nesting observations from Nevada, **Murbarger**; Hungarian notes, **Pateff**, **Patkai**.

Pelecanus onocrotalus Italian note, **Orlando** (1).

SULIDAE

Pseudosula subgen. nov. for *Sula nebowxii* p. 375, **Boetticher** (2); *Sula bassana* Tunisian note, **Postel**.

PHALACROCORACIDAE

Phalacrocorax albiventer study on Marion I., **Rand**, R. W.; *P. aristotelis* breeding status on Yorkshire cliffs, **Bunce & Fenton**; *P. carbo lucidus* breeding in Northern Rhodesia, **Haydock**; *P. c. lugubris* field observations, **Verheyen** (5); *P. carunculatus* New Zealand note, **Sanson**; *P. pygmaeus* in Hungary, **Fekete**; †*P. subvolans* sp. nov. miocene, Florida, p. 367, **Brod-korb** (1); *P. varius* nest note, **McNally**; New Zealand notes, **Sibson & others**; *P. (Stictocarbo) punctatus* plumages and breeding cycle, **Turbott** (1).

CICONIIFORMES

Systematic notes of North America spp., **Parkes**.

ARDEIDAE

A generic review, **Bock**; Heronries in Italy, **Frugis**; Spanish note, **Rowan & Bernis**; Migration routes of spp. in Spain, **Valverde & Weickert**; Hungarian food ecology, **Vasvari**.

Ardea cinerea status in Spain, **Bernis & Valverde**; German colony, **Brinkmann**, M.; nesting ecology, **Brinkmann**, M. (2); British heronries census 1954, **Burton**, J. F.; symbiotic feeding with fallow deer (*Dama dama*), **Curry-Lindahl** (1); Austrian breeding, **Kepka**; migrations, **Rydzewski**; using upcurrent of air, **Schumann**; ringing results in Poland, **Swirski**; *A. herodias* nesting note from Texas, **Gunter**; *A. occidentalis* species validity, **Mayr**; *A. purpurea* in Surrey, **Bates**; German notes, **Hulten**; nest note, **Labitte** (2); food of nestlings, **Owen & Phillips**; in Essex, **Snnoxell**.

Bubulus ibis note, **Anon.** (8); in Colombia, **Dugand**; dynamics of range expansion in Florida, **Rice**; habits and status in South Africa, **Skead**; *B. i. cormandus* food habits, **Ikeda**; *B. i. ibis* report on spreading in North America, **Sprunt**.

Casmerodius albus feeding with cattle, **Caldwell**.

Cochlearius cochlearius eggs, **Blake**, E. H. (1).

Egretta spp. melanistic birds in Spanish heronry, **Bernis** (7); **Saez-Royuela**; *Egretta garzetta* Hungarian colony, **Radvanyi**; general biology and habits in France, **Valverde**; nest note, **Guichard**; *E. g. garzetta* in Newfoundland, **Godfrey** (1).

Ixobrychus minutus Dutch breeding notes, **Braaksma & others**; on Black Sea coast, **Kumerloev** (4).

Nycticorax caledonicus feeding habits, **Hobbs**; *N. nycticorax* Argentine observations, **Bó**; nesting notes from Malaya, **Cairns** (1); "appeasing ceremony", **Goethe**.

BALAEINICIPITIDAE

Balaeniceps rex note, **Lisle**.

CICONIIDAE

Ciconia ciconia Swiss naturalisation attempt, **Bouet** (2); **Bloesch**; 500 killed by hailstorm in South Africa, **Badenhorst**; insect food of young, **Bouet**; Hungarian nesting note, **Breuer**; status in Osnabruck, 1944-54, **Brinkmann**, M. (1); egg-turning, **Haverschmidt**; conservation in Württemberg, **Hornberger**; strange nest-building, **Jurán**; Hungarian increase, **Kohl**; Killed by hailstorm, **Kuhk**; German breeding success, **Kuhlmann**; biology, **Mell**; nesting biology, **Nagy**, I.; S. Rhodesia note, **Pead**; Persian note, **Plattner**; five nestlings in one nest, **Pospišil & Flasar**; Sahara note, **Rémy**; in Bavaria 1952-1955, **Scherl**; life span judged by ringing results, **Schüz**; Bavarian status, **Steinbacher**; food biology, **Szjij**; in High Tatra, **Stollman**; status in Japan, **Takashima**; status in the Netherlands in 1955, **Terlingen & Bommel**; migration in Hungary, **Thóbiás** (1); status in Hamburg area, **Volkman**; German note, **Wichert**; *C. nigra* Hungarian note, **Keve** (1); Hungarian nesting, **Magyar**.

Ephippiorhynchus senegalensis note, **Quinton**.

Mycteria americana foot-stirring as feeding habit, **Rand** (3); habits in San Diego, California, **Rechnitzer** (1).

THRESKIORNITHIDAE

Platalea leucorodia in Staffordshire, **Reeve & Ford**.

†*Plegadis gracilis* sp. nov. Pliocene, Texas, **Miller, A. H. & Bowman** (1).

Threskiornis aethiopica Western Australian note, **Ford, J. R.**

PHOENICOPTERIDAE

Phoenicopterus ruber nidification in Camargue 1955, **Hoffmann**, L.; *P. r. roseus* mortality in Camargue from cold, **Hillaby**.

ANSERIFORMES

Systematics based on comparative osteology, **Verheyen** (1).

ANHIMIDAE

Note on anatomy and systematic position, **Verheyen** (12).

Anhima cornuta breeding in captivity, **Lint**.

ANATIDAE

Mechanisms of family integration, **Collias**; Spanish records, **Bernis** (4); Biology of German spp., **Boback** (1); General biology, **Boetticher** (4); Australian nest notes, **Kenyon & O'Connor**; Status in Czechoslovakia, **Kux & Hudec**; Japanese notes, **Kuroda**; Movements of Geese in West Jutland, **Lind**; Peruvian ducks, **Puente**; Epigamic displays of some surface-feeding ducks, **Ramsay**; Identification and distribution of spp. in Mexico, **Rojas**; Prairie ducks, ecology, etc., **Sowls**; Finnish note, **Törnroos**.

Anas acuta in Central Pacific, **Cooper & Lysaght**; *A. angustirostris* in Hungary, **Mikolas**; *A. crecca* remains in 1,300 year-old grave, **Nagy**, I.; *A. c. carolinensis* in Co. Kerry, **King**, F.; *A. discors* in Netherlands, **Haan** (1); in north western California, **Yocom** (2); *A. d. orphana* subsp. nov. p. 31, **Stewart & Aldrich**; *A. formosa* status in Netherlands, **Kist** (4); *A. penelope* unusual plumage, **Harrison, J. M. & J. G.** (3); *A. platyrhynchos* note, **Hale**; Russian breeding study, **Larionov**; *A. punctata* taxonomic note, **Van Someren** (1).

Anser albifrons and *A. erythropus* photographs, **Beer & others**; *A. brachyrhynchus* population study, **Scott**,

P.; nest site photos, **Scott, P. & others**; *A. carneirostris* note, **Lintia**; *A. erythropus* in Great Britain, **Watson, D.** [& others]; *A. fabalis* races in Netherlands, **Kist**; *A. f. brachyrhynchus* French note, **Mayaud** (5).

Aythya hybrids, **Vooos** (3); *A. collaris* Quebec breeding note, **Cooch**; *A. erythrophthalma* downy young, **Williams, J. G.** (1); *A. ferina* German biology, **Bezzel**.

Branta bernicla decrease on Terschelling, Netherlands, **Morzer Bruijns & Tanis**; *B. b. hrota* nesting observations, **Barry, T. W.**; in Staffordshire, **Lord & Ford**; *B. canadensis*, photo-studies, **Couffer**; British feral population, **Jones, N. G. B.**; German records, **Ringleben** (1); man-made homes, **Yocum**; *B. ruficollis* in Hungary, **Radó** (1), **Váradi**; *B. sandvicensis* note, **Yealland** (1).

Bucephala islandica German note, **Beckmann**; in Bavaria, **Heiser**; in Netherlands, **Kist** (1).

Cairina moschata history of introduction into Africa, **Jeffreys**; history, **Sivicki**; genetics, **Taibel**; in the pleistocene of Panamá, **Wetmore** (4); *Chen hyperborea* taxonomy, **Lemviux**.

Clangula hyemalis in Northamptonshire, **Taylor, L. S.**

Cygnus sp. German invasion, spring 1956, **Brinkmann, W.**; *C. buccinator* Alaska nesting, **Monson**; *C. cygnus* Hungarian note, **Dudich**; Hungarian note, **Szombath, Vertse**; Russian note, **Teplov**; German note, **Völker**; *C. olor* British notes, **Church, Gillham**; incidence of "twisted-wing", **Institut**; following reaction of young, **Lawrence**; a Swedish census, **Lundin & Hansson**; French introduction, **Mariétan**.

Dendrocygna eytoni South Australia note, **Boehm**.

Histrionicus histrionicus in Shetland, **Rusk & Ryan**.

Mareca americana nesting in Minnesota, **Martin, F. R.**; *M. penelope* in Utah, **Wilson & Young**.

Melanitta fusca in Texas, **Dalquest**; high juvenile mortality, **Koskimies**; *M. nigra* variable characters, **Verheyen**.

Mergus spp. as salmon and trout predators in Sweden, **Lindroth**; *Mergus merganser* Virginia nesting, **Jopson**; *M. octosetaceus* general biology, **Partridge**; *M. serrator* biology, **Curth**; clutch size, **Pflugbeil**; *M. serrator* and *M. merganser* united broods, **Bergman** (1).

Netta rufina German note, **Bettman**.

Oidemia nigra on Mexican Pacific coast, **Hubbs**.

Oxyura dominica in Texas, **Loetscher**; in Florida, **Hames**; *O. leucocephala* German note, **Dietz**; in Germany, **Muller-Using, Wendland**; Dutch note, **Vries, G. A. de**.

Spatteria mollissima Dutch status **Wilcke**.

Tadorna tadorna moult-migration, **Allen & Rutter**; breeding inland in Somerset, **King, B. & Poulding**; moult assembly in Wester-Scheldt estuary, **Lebret**; Irish note, **Macdonald-Tyler**; how young leave nest, **Rittinghaus** (2).

FALCONIFORMES

CATHARTIDAE

Gymnogyps californianus remains in Arizona caves, **de Saussure**.

†TERATORNITHIDAE

†*Teratornis merriami* power of flight, **Blake, C. H.**

ACCIPITRIDAE

South Australian spp., **Beruldsen**; Field identifications, **Harwin**; One-eyed hawks, **Lord, R. D.**; Communal roosts of harriers, **Meinertzhagen** (3); Voice and song, **Stadler** (6).

Accipiter spp. weight and wing area study, **Storer**; *A. badius brevipes* Hungarian note, **Radó**; *A. cooperii* feeding on suet, **Fleming, R. C.**; *A. ferox* taxonomic note, **Hemming** (1); *A. gentilis* Spanish nesting observations, **Balcells & Palaus**; choice of tree for nest, **Demandt**; note, **Gilliéron**; observations at nest, **Kam**; nesting trees, **König, D.** (1); method of taking squirrel, **Ommen**; in Cheshire, **Raines**; General biology, **Tinbergen, L.**; *A. gentilis* and *A. nisus* biology, **Kramer, V.**; *A. virgatus* Japanese nesting note, **Takada**.

Aquila chrysaetos note, **Anderson**, A. E.; common in Transylvania, **Béldi** (1); observations at nest, **Iselin**; Hungarian note, **Machay**; *A. clanga* Tunisian records, **Bédé**; observations in Wurttemberg, **Haas**; *A. nipalensis orientalis* in Hungary, **Hankó** (1); *A. pomarina* Hungarian nest, **Agardi** (1).

Aviceda subcristata obscura subsp. nov. p. 231, **Junge** (2).

Buteo borealis harlani in Tennessee, **West**, A. H.; *B. buteo* observations in captivity, **Bouillault & Filloux** (2); killing *Strix aluco*, **Wooltorton**; *B. buteo* and *B. lagopus* influence of temperature on activity, **Tabor** (1); *B. lagopus* northernmost nesting in America, **Handley**; *B. jamaicensis* interaction study with *Bubo virginianus* in Wisconsin, **Orians & Kuhlman**; *B. platypterus* note, **Hatch**; *B. swainsoni* large flight, **Fox**, R. P.

Buteogallus anthracinus utilis subsp. nov. p. 387, **Twomey**.

Circaetus gallicus as snake eater, **Bouillault & Filloux**.

Circus aeruginosus observations at nest, **Blanc & Manuel, G  roudet**; *C. cyaneus* note, **Berger**, D. D.; nest note from Slovakia, **Matou  ek**, B.; *C. macrourus* behaviour and biology, **Lundwall & Rosenberg**.

Elanus and *Gampsonyx* affinities, **Pl  tnick**; *E. leucurus* nest note, **Labarthe**.

Gyp  tus barbatus aureus Hungarian note, **Lintia** (2).

Gyps fulvus and *Gyp  tus barbatus* in Austria, **Tratz**.

Haliaetus albicilla nesting sites near Danube, **Stollmann**; *H. leucocephalus* economic status, **Imler & Kalmbach**.

Milvus spp. German investigation, **Schnurre**; *M. migrans* teratology, **Biswas**; biology, **Makatsch**, W. (6); photos, **Makatsch, I. & Waurisch**; *M. m. parasitus* fishing, **Beesley**, J. H.

Pernis apivorus note from Finland, **Brander** (4); biology, **M  nch** (1).

Polihierax semitorquatus wing muscles, **Berger** (6).

†*Proictinia floridana* sp. nov. Miocene, Florida, p. 368, **Brodkorb** (1).

Stephanoketus coronatus note, **Bayly & Spheris**.

Trigonoceps occipitalis note, **Bourli  re**.

PANDIONIDAE

Pandion haliaetus photographs, **England**.

FALCONIDAE

Falco cherrug Hungarian breeding, **Keve** (2); *F. columbarius* migration note, **Peitzmeier** (1); *F. peregrinus* geographical variation, **Dementiev**, G. P. (1); food note, **Mebs** (1); *F. p. germanicus* breeding biology in South Germany, **Mebs**; *F. rusticolus* photos and note, **Benington**; *F. sparverius* preys on *Turdus migratorius*, **Lamore**; *F. tinnunculus* note from Milan, **Moltoni** (6); nestlings fed on *Sturnus vulgaris*, **Parker & Summers**; breeding biology, **Petersen**, C. M.; biology and value in pest-control, **Piechocki**; study of moult, **Piechocki** (1); twirling habit, **Suffern**; *F. vespertinus* breeding biology, **Horv  th**.

GALLIFORMES

Distribution of American game birds, **Aldrich & Duvall**.

MEGAPODIIDAE

Breeding habits, **Frith** (1).

Leipoa ocellata incubation study, **Frith**.

CRACIDAE

Systematics, **Taibel**.

Ortalis motmot nest note, **Havereschmidt** (2).

†*Palaeonossax senectus* gen. et spec. nov. p. 234, **Wetmore** (2).

TETRAONIDAE

Species status in Slovakia, **Ferianc** (1).

Bonasa umbellus ecology in Virginia, **Stewart**, R. E.

Centrocercus urophasianus status in Wyoming, **Patterson**; Status in Washington State, **Yocom** (1).

Dendragapus fuliginosus study of a population in California, **Hoffmann**, R. S.

Lagopus mutus observations in southern Baffin Island, **Sutton & Parmelee** (2); *L. m. helveticus* colour note, **Murr** (1); *L. scoticus* display, **Peterle**.

Tetrao urogallus biology, **Boback**; in forestry economics, **Palmar**; racial divergence in Finland, **Seiskari & Koskimies**.

Tetrastes bonasia in Touraine, **Mayaud** (3); biology, **Teidoff**; *T. b. rupestris* German recovery, **Müller-Using** (1).

Tympanuchus cupido pinnatus status and behaviour in Wisconsin, **Hamerstrom**.

PHASIANIDAE

Characteristics of egg shells, **Tyler & Geake**.

Alectoris graeca, Russian note, **Khau-mamedov**; *A. g. whitakeri* status in Sicily, **Orlando**.

Coturnix distribution, **Kipp** (2); *C. coturnix* in British Isles, 1950-53, **Moreau** (2).

Fancolinus ochropectus status, **Dorst & Jouanin**; *F. schlegelii* type-locality, **Cave**.

Gallus domesticus study of heart, **Prakash**; spermatogenesis, **Sharma, Gupta & Nayar**.

Lophortyx californicus eggs in nest of *Pipilo maculatus*, **Bleitz**; *L. gambelli* evidence of double-brooding, **Gullion** (1); popular note, **Peterson**.

Lophura ignita rufa note and figure, **Delacour** (2).

Perdix perdix study of a Hampshire population, **Blank & Ash**; territorial habits, **Blank & Ash** (1); populations judged by old game-records, **Matheson**; destroying moth plague, **Reichart**; food and agricultural importance in Hungary, **Vertse, Zsák & Kaszab**.

Phasianus colchicus relation of tail length to harem size, **Geis & Elbert**; behaviour on *Tympanuchus cupido* booming ground, **Harger**; status in New Zealand, **Westerskov**.

†*Plioperdix* **nom. nov.** for *Pliogallus coturnoides* Tugarinov 1940, **Kretzoi** (1).

NUMIDIDAE

Numida meleagris biology, **Boetticher** (5).

MELEAGRIDAE

Meleagris gallopavo growth and development, **Denisyeveski**; *M. g. silvestris* food analysis, **Meanley** (2); †*M. leopoldi* **sp. nov.** Pliocene, Texas, **Miller, A. H. & Bowman** (1).

GRUIFORMES

TURNICIDAE

Turnix maculosa mayri p. 111, *T. m. savuensis*, *T. m. sumbana* p. 119, *T. m. floresiana* p. 121 **subsp. nov.**, **Sutter** (1).

GRUIDAE

Anthropoides virgo in Italy, **Caterini**.

Bugeranus carunculatus nestling plumage, **West, O.**

Grus americana myology, **Fisher & Goodman**; 1909 nesting record in North Dakota, **Hibbard**; French note, **Pohl**; life with a captive pair, **Wagner, R.**; *G. canadensis tabida* myology, **Berger** (5); *G. grus* British records, **Balfour**; in Outer Hebrides, **Campbell, J. W.** (1); photos, **England & others**; voice, p. 211, **Markgren**; popular Dutch note, **Ommen**; German note, **Richter**; in Hungary, **Kereso, Mikolas, Smuk**; Hungarian note, **Sőregi, Szemere**; in Estonia, **Tamm**.

Megalornis grus flight formations, **Tricot**.

RALLIDAE

Fulica atra feeding with *Podiceps ruficollis*, **Ashmole & others**; defense behaviour, **Pfeifer**; albino, **Ringleben**.

Gallinula chloropus breeding biology, **Mester** (2).

Notornis note, **Turbott**; *N. mantelli* initial ringing results, **Riney & Miers**; distribution, **Wisely**.

Porphyrio porphyrio Italian note, **Rossi**.

Porphyryula alleni French note, **Hüe**.

Porzana spp. German observations, **Kraus & Lischka**; *P. nigra* taxonomic note, **Lysaght**; *P. parva* nest note, **Blanc**.

Rallus elegans food in Arkansas rice fields, **Meanley**; *R. longirostris* incubation period, **Johnston, R. F.** (1); *R. striatus* young, **Lahiri**.

OTIDAE

Otis tetrax French note, **Labitte** (1).

CHARADRIIFORMES

Russian ringing results, **Dementiev**, G. P. (2); Notes from Baffin Island, **Sutton & Parmelee** (3); South African notes, **Taylor**, J. S.; Relationship of waders from their parasites, **Timmermann**, G.

HAEMATOPODIDAE

Haematopus ostralegus status in Osnabrück, **Hemminghaus**.

CHARADRIIDAE

Desert plovers, **Kozlova**.

Charadrius spp. egg-retrieving and orientation, **Walters**; *Charadrius alexandrinus* Tasmania breeding note, **Green**, R.; ecology and biology, **Rittinghaus**; *C. apriciarius* dispersal of young, **Brinkmann**, W. (1); *C. asiaticus* note, **Elliott**; *C. a. veredus* probable in New Zealand, **McKenzie**, H. R.; *C. dubius* biology, **Dathe**; breeding in Nottinghamshire, **Dobbs**; territorial habits, **Simmons** (1); *C. d. curonicus* German note, **Mester** (3); *C. forbesi* egg, **Serle** (1); *C. hiaticula* Hungarian races, **Keve**; *C. melanops* New Zealand note, **Andrew**, J. G.; *C. melodus* in Ecuador, **Marchant**; *C. placidus japonicus* subsp. nov. p. 15, **Mishima**.

Pluvianus aegyptius note, **Boulière**.

Vanellus vanellus feeding on tadpoles, **Boyle**; flight plotted by radar, **Hofmann**; status in Finland, **Kalela**; Finnish nest note, **Seiskari**.

SCOLOPACIDAE

Actitis hypoleucos diving, **Grössler**; German note, **Mester** (1).

Anomalophrys superciliosus nidification note, **Serle** (2).

Bartramia longicauda status in Pennsylvania, **Beck**, H. H.; nest note from Minnesota, **Flugum**.

Calidris alpina German breeding note, **König**, D. (2); *C. ferruginea* German note, **Berndt & Moeller**; *C. fuscicollis* in Midlothian, **Hoy**; English records, **Minton**, **Stevens**, C. J.; *C. maritima* German note,

Lischka; *C. melanotos* German note, **Wüst** (5); *C. minuta* and *C. testacea* migration in Britain, **Nisbet & Vine**.

Capella coelestis history and taxonomy, **Direction 39**, **Hemming**; *C. gallinago* courtship-flight, **Berndt & Dancaker**; *C. media* Russian note, **Alexeyev**.

Chettusia gregaria French record, **Ingband**; Hungarian specimen, **Keve** (6).

Chlidonias leucopterus French records, **Guichard**, G.

Gallinago taxonomy, **Direction 39**.

Limnodromus griseus caurinus Alaskan note, **Hudson**.

Limosa limosa protected in New Zealand, **Anon.** (4); first breeding in Norway, **Holgersen & Willgohs**; occurrence in Great Britain, 1938-52, **Morley & Price**; *L. l. melanuroides* New Zealand note, **Sibson**.

Numenius americanus re-establishment of breeding population in Washington State, **Yocom** (3); *N. arquata* aggressive display by young, **Crosby**; breeding biology, **Frisch**; as Wiltshire breeder, **Stanford**; *N. phaeopus* Canadian note, **McIntyre**.

Philomachus pugnax evolution of seasonal plumages, **Kozlova**.

Scolopax rusticola Italian note, **De Martini**, **Orlando** (3); in Geneva city, **Morgenegg**; spring migration in Hungary, **Patkai**.

Totanus flaviceps in Pacific, **Buss**.

Tringa erythropus South African note, **Shephard**; *T. flaviceps* in Co. Wexford, **Wheeler & King**; *T. glareola* song-flight, **Andrew**, D. G., **Diesselhorst** (1); records in Britain in autumn 1952, **Nisbet**; ecology and breeding biology, **Kirchner**; *T. melanoleuca* in Cornwall, **Carter**, F. E.; *T. ochropus* song-flight, **Wallace**, D. I. M.; *T. stagnatilis* in Northumberland, **Bell**, M.; *T. totanus* lack of territory, **Hale** (1); breeding biology, **Reinsch** (1); *T. t. robusta* abnormal plumage, **Harrison**, J. M. & J. G. (1); *T. totanus* and *Philomachus pugnax* both using same nest, **Haverschmidt** (4).

Tryngites subruficollis in Dorset, **Crosby**; new to Dutch list, **Kist** (3).

Zonifer tricolor breeding in captivity, **Gerrits**.

RECURVIROSTRIDAE

Recurvirostra avosetta near Lake Balaton, **Breuer**; near Budapest, **Gyér-essy**; clutch of 5 eggs, **Ruthke**; *R. novae-hollandiae* note, **Warham** (3).

PHALAROPIDAE

Phalaropus lobatus German record, **Mester**; *P. lobatus* and *P. fulicarius* occurrence in Denmark, **Christensen**.

BURHINIDAE

Burhinus capensis nest note, **Carter**, Q. E.; *B. oedipnemus* status in Suffolk, **Archer**; French note, **Ferry** (2).

GLAREOLIDAE

Cursorius cursor in Italy, **Moltoni** (5).

Glareola pratincola and *G. nordmanni* field identification, **Hayman**; *G. p. maldivarum* behaviour patterns, **Moynihan** (1).

STERCORARIIDAE

Stercorarius longicaudus, in Kansas **Mosby & Lynn**; spring migration in Finland, **Törnroos**; *S. skua* Dutch note, **Kristensen**; in Scotland, **Sage & Pennie**.

LARIDAE

Roosting habits at Yorkshire reservoir, **Govett**; Hungarian investigation, **Keve & Pátkai**; Russian migration note, **Klimenko**; Territorial habits, **Tinbergen**, N.

Chlidonias leucoptera reappearance on Queensland coast, **Amiet**; Western Australian notes, **Ford**, J. R. & others; *C. niger* breeding behaviour, **Baggerman & others**; *C. nigra* nest note, **Sanden-Guja**.

Gelochelidon nilotica biology, **König**, D.; observations in Camargue, **Lévêque** (2).

Hydroprogne caspia first summering in Netherlands, **Kate**; migration, **Mayaud** (4); in Camargue, **Milon**; Dutch note, **Rijsdijk**; *H. tschegrava* development of behaviour in chicks, **Bergman**.

Larosterna inca in New York Zoo, **Crandall**.

Larus argentatus breeding biology, **Drost** (1); learning in young, **Goethe** (1); young preyed on by fox,

Goethe (2); age discrimination in breeding colony, **Huntington**; study, **Voipio**; study on lake in Finland, **Voipio** (1); *L. a. argentatus* Dutch nest note, **Haan**; *L. a. birulae* on German coasts, **Goethe & Jungfer**; *L. a. cachinnans* economic importance in Lake Baikal, **Gladkov & Zaletaev**; *L. a. michahelles* preying on ducklings, **Pricam** (1); *L. californicus* annual reproduction cycle, **Johnston**, D. W. (1-2); *L. californicus* and *L. argentatus* breeding in same colony, **Moynihan** (2); *L. canus* Iceland breeding observations, **Gardarsson**; learning in young, **Pfeffer-Hülsemann**; *L. delawarensis* juvenile mortality, **Emlen** (1); *L. fuscus* biology in Iceland, **Gudmundsson**; status in Hertfordshire, **Sage & Sheldon**; *L. hyperboreus* German note, **Reinsch**; in Utah, **Wilson & Young**; *L. marinus* status in Scotland, **Campbell**, J. W.; breeding in Gloucestershire, **Cormack**; behaviour notes, **Cobb**; nesting on Lake Huron, **Krug**; *L. melanocephalus* German records, **Berndt & Moeller** (1); on Lake Balaton, Hungary, **Keve**; migration, **Mayaud**; status and distribution, **Mayaud** (2); autumn migration in Greece, **Nisbet & Smout**; Russian ringing results, **Shevareva**; *L. novae-hollandiae* increase, **Sharland**; *L. philadelphia* in Northumberland, **Little**; *L. ridibundus* biology, **Makatsch**, W. (5); night moth hunting, **Schmidt**, G.; flock composition, **Spencer**; attacking *Falco peregrinus*, **Warnke**; experiments in egg-laying, **Weidmann** (1).

Rissa tridactyla nesting on houses in Norway, **Anon.** (5); study of colonies in Northumberland, **Coulson & White**; Russian migrations, **Dementiev**, V. F.; status in Iceland, **Gudmundsson** (1); German notes, **Schmitz**, F.; Swiss note, **Sutter** (2).

Sterna spp. Russian migrations, **Tamantzeva**; *S. bergii* display flights, **Gibson**; *S. eurygnatha* distribution and relationship, **Junge & Voous**; *S. hirundo* Russian biology, **Borodulina** (1); behaviour note, **Grierson**; nest note, **Kate**; *S. h. hirundo* in Western Australia, **Dunnett**; *S. macrura* Western Australian note, **Storr**.

Thalasseus elegans California notes, **Monroe**; *T. zimmermanni* note, **Hall** (1).

ALCIDAEE

Russian ringing results, **Kartashev**.

Alle alle in Finland, **Brander** (3);

Brachyramphus marmoratus unknown breeding ground, **Guiguet**.

Cepphus grylle Dutch race, **Voous** (1).

Fratercula artica in Hungary, **Tildy**; status in Sweden, **Wahlin**.

Plautus alle polaris British record, **Hazelwood & Gorton** (1).

Synthliboramphus antiquus in Nevada, **Gullion**.

Uria lomvia observations over fledging period, **Pennycuik**.

COLUMBIFORMES

PTEROCLIDAE

Syrhaptes paradoxus Russian note, **Tyurin**.

RAPHIDAE

Didus ineptus popular account, **Gordon**, B. L.

COLUMBIDAE

Behaviour patterns, **Goodwin**, D.; **Goodwin**, D. (8); Biology of mid-European spp., **Klinz**; Karyotype studies, **Makino & others**.

Columba interspecific affinities, **Sforza**; *C. palumbus* French notes, **Labitte** (4); note, **Perrin de Brichambaut**; late breeding, **Goerlitz**; nest in a building, **Piechocki** (2); as German town dweller, **Prölss**; breeding in ruined house, **Walter**; *C. palumbus* and *C. oenas* movements and survival in British Isles, **Ash & Ridley**; *C. p. kleinschmidti* taxonomic note, **Niethammer** (3); *C. livia* experiments in Carrier Pigeon, **Kuroda**; feral pigeons, **Goodwin**, D. (7); of Rumania, **Radu**; *C. livia* and *C. guinea* comparison, **Goodwin**, D. (2).

Columbigallina talpacoti life history, **Skutch** (2).

Columbina generic name official, **Direction 35**.

Geopelia placida breeding observations, **Lowe**, V. T.

Phaps elegans speed of flight, **Higginson**.

Stigmatopelia senegalensis nest observations, **Robinson**, C.

Streptopelia decaocto in Hungary in 1948, **Béres**, **Beretz**; German note, **Bäsecke**, **Brinkmann**, M. (4); Italian note, **Callegari** (1); Bavarian note, **Heer**; in Estonia, **Kumari** (2); Italian note, **Miccoli**; status in Italy, **Moltoni**; in Sweden, **Ödman**; in Alsace, **Olivier**; breeding in Sweden, **Reutervall**; ecology and habits, **Tomasz**; *S. decaocto* and *S. risorius* differences, **Dimitrie**; *S. decaocto* and *S. turtur* food preferences, **Feriancova**; *S. orientalis* re-occurrence in Ceylon, **Phillips**, W. W. A.; *S. senegalensis ermanni* Russian note, **Bogdanov**.

Treron griseicauda and *T. pulverulenta* taxonomic validity, **Mayr** (2).

Zenaidura macroura winter mortality, **Schultz**; nesting results in Texas, **Swank**; *Z. m. marginella* water requirements, **Bartholomew & Dawson**; *Z. m. turturilla* subsp. nov. p. 123, **Wetmore**.

PSITTACIFORMES

PSITTACIDAE

Speech imitation, **Strassen**.

Agapornis lilianae observations in captivity, **Button**.

Alisterus chloropterus col. pl. & note, **Prestwich** (1).

Bolborhynchus aurifrons *Margaritae* nom. nov. for *B. orbigniesius* (Souancé) **Berlioz & Dorst**.

Brotogeris chrysopterus col. pl. & note, **Prestwich**.

Calyptorhynchus baudinii sentinel duties, **Erickson**.

Geopsittacus occidentalis note, **Beruldsen**.

Loriculus vernalis phileticus subsp. nov. p. 207, **Deignan** (2).

Neophema splendida aviculture, **Blaxland**.

Strigops habroptilus review and status, **Williams**, G. R.

Trichoglossus haematodus notes on semi-captivity, **Zahl**.

CUCULIFORMES

MUSOPHAGIDAE

General biology, **Boetticher** (6).

CUCULIDAE

Further data on African spp., **Friedmann** (1); Western Australian notes, **Fuller**; Notes on South Australian spp., **McGillp**.

Clamator glandarius French note, **Laferrière**; Italian records, **Orlando** (4).

Cuculus canoroides taxonomic note, **Junge** (1); *C. canorus* biology in Alsace, **Claudon**; Rumanian note, **Grossu**; killed by *Acrocephalus arundinaceus*, **Janisch**; in Russian pine plantations, **Kadochnikov**; in Scotland in winter, **Lees**; biology, **Makatsch**, W. (1); note, **Peitzmeier** (5); deposition of eggs, **Tutt** (1); as town dweller, **Weber**, B.; *C. poliocephalus* Malayan observations, **Madoc** (1-2).

Lampromorpha klaasi observations of nestling, **MacLeod & Hallack**.

Ramphococcyx curvirostris erythronathus Malayan observations, **Madoc** (1).

STRIGIFORMES

Keeping owls in captivity, **Rourke**.

TYTONIDAE

Tyto alba as predator of bats, **Bauer** (1); popular French note, **Bouillault & Filloux** (1); food in Morocco, **Brosset** (3); food analysis in Corsica, **Kahmann & Brotzler**; insect remains in pellets are from Shrew's stomachs, **Krutzoi & Varrók**; Tunis note on development of nestlings, **Mathis**; ringing results, **Sauter**; ecology from ringing results, **Sauter** (1); in Atlantic, **Schüz & Seilkopf**; South African prey, **Skead** (2).

STRIGIDAE

Tail moult, **Verheyen** (9).

Asio flammeus winter habits, **Aschenbrenner & Peters** (1); Canadian note, **Foster**; analysis of predation in a marsh, **Johnston**, R. F. (3); *A. otus* Polish biology, **Czarnecki**; French notes, **Labitte** (3); breeding in Camargue, **Levêque**; *A. wilsonianus* pellet analysis, **George**; food habits, **Stapp**.

Athene noctua winter food in Caspian, **Gusev**; bone digestion by young, **Roth**; breeding in winter, **Solymossy**; destroying poultry, **Thobias**.

Bubo bubo breeding biology, **Guichard**, G. (1); Hungarian nesting, **Konok**, **Mannsberg**; biology, **März** (1); *B. virginianus* use of artificial nest, **Berger**, D. D. (1).

Ciccaba woodfordii nest note, **Martin**, J.

Glaucidium passerinum winter food, **Vorontzev & others**.

†*Lechusa stirtoni* gen. et spec. nov. Pliocene, San Diego, California, p. 619, **Miller**, L.

Nyctea nyctea measurements and food, **Dickerman & Jarosz**; *N. scandiaca* Russian note, **Podkovyrkin** (1); breeding observations in Baffin Island, **Sutton & Parmelee** (1).

Otus asio note, **Arny**; *O. scops scops* nest note from Slovakia, **Matoušek**, B. (1).

Rhinopteryx clamator nest note, **Hartman**.

Strix aluco French notes, **Labitte** (3); Swiss note, **Siegenthaler**; *S. nebulosa* photos, **Moberg**; *S. varia* doubtful in Europe, **Heyder** (2).

Surnia ulula irruption in Fennoscandia 1950-51, **Hagen**.

CAPRIMULGIFORMES

PODARGIDAE

Podargus strigoides breeding note, **Gerriets**.

CAPRIMULGIDAE

Wing and tail moult, **Verheyen** (6).

Caprimulgus europaeus German note, **Greve**; Dutch breeding records, **Knippenberg**; in danger from increasing motoring? **Muller-Using**; *C. pulchellus* distribution, **Stresemann** (3); *C. rufus* voice and habitat in Panama, **Chapelle**.

Cordeiles minor minor nesting habits, **Dexter** (1).

Nyctisyrigmus (Caprimulgus) pectoralis cranial morphology, **Fourie**.

APODIFORMES

APODIDAE

Review of the genera and nesting habits, **Lack** (3); Nidification of Brazilian spp., **Sick**.

Apus note on African spp., **Grant & Mackworth-Praed** (2); systematic review of spp., **Lack** (4); *A. apus* roosting times, **Church**; migration watches, **Hurrell**; nesting ecology, **Koskimies** (2); general biology, **Lack** (1); breeding biology, **Lack** (5); seaward flights at dusk, **Lack** (7); night habits, **Weitnauer**; *A. horus* note, **Broekhuysen** (3); *A. melba* note, **Lomont**; *A. pacificus* eastern races, **Deignan**.

Chaetura revision of genus, **Lack** (6); *C. pelagica* 10 year life history, **Dexter**; Minnesota "banding" notes, **Goehring**; nesting in hole in live tree, **Cottrille**; migration note, **Walkinshaw**; altitudinal records, **Williams, G. G.**; *C. vauxi aphanes* subsp. nov. p. 2, **Wetmore & Phelps**.

Collocalia spp. origin of nest-cement, **Marshall, A. J. & Folley**; *C. francica* nesting observations, **Busst**.

Hirundapus caudacutus Russian note, **Lobko-Lobanovsky**.

Micropanyptila furcata nesting, **Bond** (2).

Micropus apus breeding note, **Zimmermann, H.**

Nephoecetes niger nest in sea-case, **Legg**.

Streptoprocne semicollaris note, **Edwards & Hilton**.

TROCHILIDAE

Biology of some Peruvian spp., **Dorst** (3); General biology, **Kleinschmidt**; Relationship with Apodidae, **Verheyen** (13).

Amazilia distans sp. nov. p. 4, **Wetmore & Phelps**.

Calypte anna prolonged incubation, **Kelly**; moult and testis cycles, **Williamson, F. S. L.**

Phaethornis augusti curiosus subsp. nov. p. 125, **Wetmore**.

Selasphorus sasin pterylography and moult, **Aldrich**; ecological overlap with *Calypte anna*, **Legg & Pitelka**.

Thalurania furcata rostrifera subsp. nov. p. 128, **Phelps & Phelps**.

Trochilus polytmus field notes and measurements, **Blake** (3).

COLIIFORMES

[No record]

TROGONIFORMES

TROGONIDAE

Harpactes fasciatus parvus subsp. nov. p. 281, **Deraniyagala**.

Pharomacrus taxonomic note, **Berlioz** (3).

Trogon collaris nesting observations, **Skutch** (1).

CORACIIFORMES

Morphology and systematics, **Verheyen** (3).

ALCEDINIDAE

Alcedo atthis ispida Dutch breeding notes, **Braaksma & others**; nesting ecology, **Kumari**.

Dacelo gigas Sonnerat's "wrong" locality, **Lysaght** (1).

Halcyon leucocephala kasai subsp. nov. **Horniman**; *H. senegalensis cyano-leucus* South African record, **Rawdon**;

MOMOTIDAE

Eumomota superciliosa popular note, **Edwards**.

MEROPIDAE

Observations in French West Africa, **Koenig**.

Melittophagus bullockoides Italian note, **Callegari** (2).

Merops apiaster nesting in Britain, 1955, **Barha, & others, Kimmins**; Hungarian colonies in 1949, **Sziji** (1).

Nyctornis athertoni diving into water for floating insects, **Foerner**.

CORACIIDAE

Coracias garrulus nest note, **Bernath**.

UPUPIDAE

Upupa epops breeding in Herefordshire, **Baillie**; in Hampshire, **Taverner**; biology, **Munch**; breeding in Sweden, **Noréhm**.

BUCEROTIDAE

Aceros undulatus nest observations, **Bartels**.

Bucorvus abyssinicus observations of a tame bird, **Sikes**.

Bycanistes subcylindricus breeding and other habits, **Kilham** (2).

PICIFORMES

Systematics based on comparative anatomy, **Verheyen** (2); The after-shaft in Galbulidae and Bucconidae, **Sibley** (3).

CAPITONIDAE

Barbatula bocagei is a synonym of *Lybius torquatus*, **Grant & Mackworth-Praed** (2).

Buccanodon whytei **eurom** **subsp. nov.** p. 250, **Clancey** (4).; *B. w. irwini* **subsp. nov.** p. 15, **Benson** (2).

Lybius dubius type locality, **Grant & Mackworth-Praed** (2); *L. bibentatus* type locality, **Grant & Mackworth-Praed** (1); *L. torquatus lucidiventris* **subsp. nov.** p. 275, **Clancey** (5).

Megalaima incognita elbeli **subsp. nov.** p. 207, **Deignan** (2).

Pogoniulus chrysoconus anonymus **subsp. nov.**, **Horniman**.

Prodotiscus whitei **sp. nov.**, **Horniman**.

Tricholaema melanocephalum longipenne **subsp. nov.**, **Horniman**.

INDICATORIDAE

General biology and ecology, **Friedmann**; Problem of cerophagy, **Friedmann & Kern**; Breeding tactics observed, **Rlberts**, H. A.

RAMPHASTIDAE

Ramphastos evolution of genus, **Van Tyne**.

PICIDAE

Age characteristics, **Kipp** (1); spp. in Sicily, **Orlando** (2); Ciné-films at nest-hole, **Sielmann**; Biology note, **Sielmann** (1); morphology of Brazilian spp., **Steinbacher** (1).

Campēphilus principalis field identification, **Anon.** (2).

Colaptes rubicola breeding biology in Peruvian highlands, **Dorst** (2).

Dendrocopos auriceps conoveri **subsp. nov.** p. 1, **Rand** (1); *D. syriacus* Hungarian note, **Geréby**; distribution spreading, **Keve**.

Dryobates medius copulation, **Peitzmeier** (2); *D. syriacus balcanicus* Hungarian increase, **Keve** (2); *D. martius* biological study, **Blume**; damage done to poles, **Brander** (1); observations in captivity, **Callegari**; *Dryocopus martius* French records, **Comble, Raspini**; colony, **Langelott**; in Ukraine, **Levitzki**; breeding in Hungary, **Meszaros**; status in Spain, **Quiros**; *D. pileatus* in California, **Fox, W., Jr.**

Melanerpes erythrocephalus feeding on locusts, **Judd**; *M. hargitti* is a variant of *M. cruentatus*, **Haverschmidt** (3).

Picoides tridactylus Swiss note, **Shifferli & Ziegeler**; *P. t. sakhalinensis* and *P. t. tianchamicus* invalid names, **Opinion 402**.

Piculus rubiginosus roosting and nesting study, **Skutch** (3).

Picus canus Hungarian note, **Csörgey**; *Picus canus* "drumming" note, **Steffen**; *P. viridis* mating display, **Sovago**; nest-sanitation and fledging, **Tutt**.

Sphyrapicus varius winter sap-sucking, **Kilham** (1); guests, **Nickell** (1); taxonomic note, **Rand**.

Veniliornis dignus abdominalis **subsp. nov.** p. 158, **Phelps & Phelps** (1).

PASSERIFORMES

Sequence of families, **Mayr & Greenway**; Descriptions of newly-hatched fledglings, **Saunders** (1).

DENDROCOLAPTIDAE

Campylorhamphus pusillus tachirensis **subsp. nov.** p. 159, **Phelps & Phelps** (1).

Denconychura longicauda variation, **Howell**.

Sittasomus griseicapillus tachirensis **subsp. nov.** p. 129, **Phelps & Phelps**.

FURNARIIDAE

Philydor hyllobius **sp. nov.** p. 4, **Wetmore & Phelps**.

Premnornis guttuligera venezuelana **subsp. nov.** p. 160, **Phelps & Phelps** (1).

Synallaxis albens pullata **subsp. nov.** p. 2, **Ripley (3)**; *S. albigularis rodolpheii* **subsp. nov.** p. 244, **Bond (1)**.

FORMICARIIDAE

Grallaria chthonia **sp. nov.** p. 6, **Wetmore & Phelps**.

Grallaricula cucullata venezuelana **subsp. nov.** p. 163, **Phelps & Phelps (1)**.

Thamnistes anabatinus gularis **subsp. nov.** p. 131, **Phelps & Phelps**.

PITTIDAE

Edolisoma melan batantae **subsp. nov.** **Gyldenstolpe & Mayr** Ark. Zool. 8 1955 : 389.

Pitta granatina coccinea nidification, **Hislop**; *P. megarhyncha* observations at nest, **Allen, F. G. H.**

TYRANNIDAE

Dendroica discolor paludicola taxonomic validity, **Van Tyne (1)**.

Empidonax minimus territorial habits, **Breckenridge**; *E. traillii* albinos, **Berger (1)**.

Muscivora forficata in Idaho, **Thornburg**.

Platysparis aglaiae nesting in Arizona, **Gibbs**.

Tyrannus melancholicus in California, **Mall**; life history, **Skutch**.

PIPRIDAE

Pipra erythrocephala courtship ritual, **Snow (1)**.

COTINGIDAE

Acrochordopus zeledoni bunites **subsp. nov.** p. 7, **Wetmore & Phelps**.

Cephalopterus ornatus general biology, **Sick (3)**.

Zaratornis stresemanni **sp. nov.** Peru p. 329, **Koepcke (1)**.

PHYTOTOMIDAE

Phytotoma review of genus, **Pergolani de Costa**.

MENURIDAE

Evidence of polygamy, **Chisholm**.

ALAUDIDAE

Alauda arvensis as Alpine bird, **Franke**; song output, **Rollin**; be-

haviour, **Stresemann (5)**; *A. a. hebridensis* **subsp. nov.**, **Horniman**; *A. yeltonensis* and *A. sibirica* placed in official list of specifications, **Opinion 403**.

Calandrella brachydactyla Swiss note, **Roux, G.**; in Co. Wexford, **Ruttledge**; *C. b. hungarica* **subsp. nov.** p. 132, **Horvath (4)**.

Eremophila alpestris flava German note, **Feindt & Göttgens**; Spanish note, **Sáez-Royuela (2)**.

Galerida cristata parasitised by *Cuculus canorus*, **Briche (1)**.

Lullula arborea Hungarian study, **Koffán (1)**; Yorkshire breeding notes, **Trimingham**.

Melanocorypha leucoptera in Hertfordshire. **Sage & Jenkins**.

Mirafra an arrangement for the spp., **White, C. M. N. (1)**; *M. africana isolata* **subsp. nov.** p. 283, **Clancey (5)**; *M. albicauda rukwensis* and *M. sabota vesey-fitzgeraldi* **subsp. nov.** pp. 4-6, **White, C. M. N.**; *M. apiata marjoriae* **subsp. nov.** p. 156, **Witterbottom (3)**; *M. rufocinnamomea pintoii*, *M. r. schoutedeni* and *M. r. smithersi* **subsp. nov.** pp. 57-58, **White, C. M. N.**; *M. williamsi* **sp. nov.** p. 71, **Macdonald**.

HIRUNDINIDAE

Autumn migration in Sardinia and Sicily, **Steinbacher (7)**.

Delichon urbica note from Togoland, **Douaud**; perching on tree to feed, **Sage, B. L.**

Hirundo aethiopica amadoni **subsp. nov.** p. 160, **White (3)**; *H. rustica* feeding on caterpillars, **Brooke**; bathing-flight, **Freye**; nesting on a stuffed hawk, **Geibert**; studies in France, **Vietinghoff-Riesch, A. F. v.**

Iridoprocne bicolor behaviour note, **Eisenmann & Bull**; playing with feather, **Lincoln**.

Petrochelidon fulva pallida in New Mexico, **Kincaid & Frasil**.

Progne subis behaviour at displaced nests, **Dexter (2)**.

Ptyonoprogne rupestris nest observations, **Strahm**.

Riparia riparia German nesting note, **Jakobs** ; Dutch breeding records, **Knippenberg** ; Bavarian note, **Murr** ; nesting in a wall, **Rosenberger** (3).

MOTACILLIDAE

Anthus campestris in Middlesex, **Sage & Cooper** ; *A. cervinus* Italian note, **Valentine** (1) ; Bavarian note, **Wüst** (2) ; *A. pratensis* nesting in building, **Coulson** (1) ; breeding biology, **Coulson** (2) ; Swiss breeding distribution, **Géroudet** (4) ; *A. pratensis* and *A. trivialis* German notes, **Feindt** (1) ; *A. richardi* in Ireland, **Nicholson** ; on Bardsey I., Caernarvonshire, **Thearle** ; *A. similis palliditinctus* subsp. nov. p. 287, **Clancey** (5) ; *A. s. petricolus* subsp. nov. p. 280, **Clancey** (5) ; *A. spinoletta* German migration, **Berndt** (1) ; feeding and territorial habits, **Gibb** (1).

Motacilla alba roosting note, **Schaefer** ; Italian distribution, **Verheyen** (14) ; *M. a. Yarrelli* French record, **Debru** ; communal display, **Jeffrey & Wallace** ; *M. flava* interpretation of variation, **Mayr** (1) ; German note, **Melchior** ; spring migration on Caspian, **Schüz** (1) ; Swiss races, **Schwarz, Géroudet** ; aberrant plumage, **Williamson, K.** (1) ; *M. f. flava* and *M. f. thunbergi* in South Finland, **Sammalisto** ; *M. lutea* new to Finland, **Tenovuo**.

PYCNONOTIDAE

Taxonomic notes on African spp., **White, C. M. N.** (2).

Chlorocichla laetissima new to North-east Rhodesia, **Benson** (1).

Chloropsis cochinchinensis kinneari subsp. nov. p. 96, **Hall & Deignan**.

Pycnonotus cafer in Auckland, N.Z., **Turbott** (2) ; *P. tricolor limes* subsp. nov., **Horniman** ; *P. xanthopygos layardi* aberrant form, **Smithers, R.**

Syndactyla subalaris olivacea subsp. nov. p. 161, **Phelps & Phelps** (1).

LANIIDAE

Spp. of the Duars, **Inglis** (1).

Cracticus torquatus cannibalism ? **Robinson, A.**

Lanius minor at Fair Isle, **Williamson, K.** (2).

Hypocolius ampelinus taxonomic note, **Belioz** (1).

Lanius spp. larders, **Brander** (6) ; *L. collurio* mimetic posturing, **Ash** (2) ; territorial habits, **Durango** ; *L. excubitor* German note, **Bäsecke, Peitzmeier** (4) ; biology, **Feindt** ; winter territory, **Radtke** ; *L. ludovicianus* nest note, **Laskey** (1) ; *L. minor* Russian ecology, **Rashkevich** ; *L. vittatus nargianus* subsp. nov. p. 10, **Vaurie** (1).

Tchagra senegala callewaeri subsp. nov., **Horniman**.

PRIONOPIDAE

Grallina cyanoleuca nesting note, **Sef-ton**.

Hemipus picatus variation, **Hall**.

CINCLIDAE

Species in the Duars, Bengal, **Inglis**.

Cinclus cinclus races in Czechoslovakia, **Hachler** ; breeding biology, **Robson** ; at German fish-ponds, **Vetter** ; *C. c. cinclus* in Kent, **Harle**.

TROGLODYTIDAE

Thryothorus ludovicianus nest note, **Arnold** ; song variation, **Borrer**.

Troglodytes aëdon status in Tennessee, **Hendron** ; variations in egg characters, **Kendeigh & others** ; *T. troglodytes* territorial habits, **Armstrong** (1) ; Michigan note, **Zimmerman, D. A.** ; *T. t. pacificus* A winter population study, **Phillips, A. R. & Black** ; *T. t. skyensis* subsp. nov., **Hornimann** ; *T. t. troglodytes* colour of legs and plumage, **Sage, B. L.** (3).

MIMIDAE

Mimus polyglottos unstable migratory behaviour, **Brackbill**.

Molothrus ater note, **Du Bois**.

Quiscalus versicolor 11 years old, **Mason**.

Toxostoma rufum parasitised by *Molothrus ater*, **Moore**.

TURDIDAE

Hylocichlids in captivity, **Dilger** (1) ; Migrations of British Chats, **Thomson** (1).

Catharus and *Hylocichla* reproduction isolating mechanisms, **Dilger** ; ecological isolating modifications, **Dilger** (3).

Cercomela sinuata hypernephela subsp. nov. p. 281, **Clancey** (5).

Cossypha heuglini mwinilunga subsp. nov., **Horniman** ; *C. H. pallidior* subsp. nov. p. 137, **Berlioz & Gillet** ; *C. insulana* conspecific with *C. bocagei*, **Moreau & Benson** ; *C. natalensis egregior* subsp. nov. p. 118, **Clancey** (3).

Cyanosylvia svecica svecica on Skokholm, **Davis**, P. ; observations at nest, **Peakall**.

Erithacus rubecula winter observations in Belgium, **Verheyen** (10) ; *E. r. hybridum* subsp. nov., **Horniman**.

Erythropygia signata oatleyi subsp. nov. p. 251, **Clancey** (4).

Hylocichla spp. comparative study of song, **Stein** ; *H. fuscescens* removal of ringed nestling, **Anman** ; *H. guttata euboria* subsp. nov. p. 69, **Oberholser** ; *H. mustelina* records of song, **Borror & Reese** ; *H. ustulata* precocious nest-building movements, **Dilger** (2) ; note, **Goodwin**, D. (3).

Luscinia luscinia song patterns, **Solavala** ; *L. megarhynchos* probable Irish record, **Barry**, M. ; *L. megarhyncha* and *L. luscinia* biology, **Hilprecht** ; *L. pectardens* and *L. obscura* comparison, **Goodwin**, D. & **Vaurie** ; *L. pectardens* plumage note, **Goodwin**, D. (4) ; *L. svecica* near Salzburg, **Schäfer** ; Spanish race, **Smith**, G. T. C. & **Bernis** ; *L. s. cyanecula* biology, **Schmidt-Koenig**.

Monticola saxatilis photos and nest notes, **Koffán** ; *M. solitarius* nest note, **Lévêque**.

Oenanthe leucomela identification, **Ash & Rooke** ; *O. oenanthe* territorial habits, **Conder**.

Phoenicurus ochruros breeding spread in England, **Fitler** ; note, **Güth** (2) ; French note, **Rivoire & Sorgue** ; *P. phoenicurus* breeding in old swallow's nest, **Kühlhorn** ; feeding habits, **Ward**.

Pinarochroa sordida ernesti nidification, **Pitman** (1).

Pseudocossyphus relationship, **Goodwin**, D. (5).

Saxicola rubetra singing in winter-quarters, **Almond** ; *S. torquata maura* in West Jutland, **Burton & Nisbet** ; *S. t. oreobates* subsp. nov. p. 281, **Clancey** (5) ; *S. t. rubricola* breeding biology, **Plucinski**.

Sialia currucoides nest note, **Riggs** (1).

Stiphornis erythrorhox nidification, **Serle & Pitman**.

Turdus dauma in north Perth, **Campbell**, J. W. (2) ; *T. d. aureus* note, **Kobayashi** (1) ; *T. litsipsirupa pauciguttatus* subsp. nov. p. 290, **Clancey** (5) ; *T. merula* unusual albino, **Brathwaite** (1) ; multiple nests, **Brunfeldt & others** ; biology, **Heyder** ; winter breeding, **Eipper** ; female's sub-song, **Schmidt**, G. A. J. ; territorial habits, **Snow** (4) ; notes, **Stahlbaum** ; *T. merula* and *T. ericetorum* winter observations in Lancashire, **Hale** (2) ; *T. migratorius* feeding note, **Pell** ; territorial habits, **Young** ; *T. musicus* observations in Lapland, **Davies & Rowell** ; alighting on the sea, **Stead** ; southern breeding spread, **Wingstrand** ; *T. musicus* and *T. pilaris* autumn arrival in Essex, **Chettleburg & Larner** ; *T. philomelos* song in Melbourne, Australia, **McEvey** ; *T. philomelos* replaces *T. ericetorum* as specific name for Song Thrush, **Opinion** 405 ; *T. pilaris* nesting with *Lanius* spp., **Blanc** ; Swiss note, **Blum** ; albino, **Dieterich** ; French note, **Lebeurier** ; Swiss nest note, **Moritz** ; *T. pilaris* × *T. merula* hybrids, **Fontaine** ; *T. sibiricus* German record, **Sanden** (1) ; *T. viscivorus* singing on the ground, **Münch** (2).

Tychaëdon signata extension of range, **Oatley**.

Xenocopsychus ansorgei breeding biology, **Braun**.

TIMALIIDAE

Acanthoptila nipalensis Story of its rediscovery, **Ripley**.

Alcippe castaneiceps wagstaffei nom. nov. for *A. c. brunneicauda* p. 297, **Wynne**.

Babax waddelli jomo subsp. nov. p. 5, **Vaurie** (1).

Garrulax affinis bethelae subsp. nov. p. 2, **Rand** (1).

Illadopsis cleaveri marchanti subsp. nov. p. 22, **Serle**.

Macronus gularis saraburiensis **subsp. nov.** p. 209, **Deignan** (2).

Panurus biarmicus abundance in Hungary, **Beretzky**; Dutch nest note, **Koridon**.

Pellorneum ruficeps elbeli **subsp. nov.** p. 208, **Deignan** (2).

Pomatorhinus schisticeps difficilis **subsp. nov.** p. 208, **Deignan** (2).

SYLVIIDAE

Songs of European spp., **Stadler** (3).

Acanthiza pusilla delay in egg-laying, **Lane** (1).

Acanthopneuste borealis kennicotti Alaska nest notes, **Murie**, A.

Acrocephalus arundineus orientalis German note, **Bauer**; *A. paludicola* in Dorset, **Ash** (1); breeding notes from N.W. Germany, **Petersen**, B.; in Middlesex, **Warburg & Warmington**.

Batis capensis kennedyi **subsp. nov.** p. 120, **Smithers & Paterson**.

Calanocichla rufescens foxi taxonomic note, **Pitman** (2).

Camroptera fasciolata irwini **subsp. nov.** p. 119, **Smithers & Paterson**.

Cisticola chiniana smithersi **subsp. nov.** p. 104, **Hall** (2).

Hippolais icterina field identification, **Williamson**, K. (3); *H. pallida elaeica* correction, **Murray, Trischler**; *H. polyglotta* note, **Géroudet & Barriel**; on Welsh islands, **Thearle & Davis**; at Fair Isle, **Williamson**, K. (2).

Locustella fluviatilis Dutch note, **Mörzer Bruijns & Rooth**; *L. luscinioides* in Cambridgeshire, **Boston**; French note, **Kowalski**; *L. naevia* Swedish note, **Norström**; observations at nest, **Norström** (1).

Megalurus variation in spp., **Keast**.

Phragmaticola aedon new British bird, **Williamson**, K. & others (1).

Phylloscopus collybita note, **Ash** (3); *P. davisoni intensior* **subsp. nov.** p. 209, **Deignan** (2); *P. trochiloides* in Scotland, **Williamson**, K. & others; *P. trochilus* British race, **Hazelwood & Gorton**; abnormal song, **Huxley** (1); singing in December, **Ribaut**;

P. umbrovirens williamsi **subsp. nov.** p. 10, **Clancey**.

Regulus himalayensis taxonomic note, **Deignan** (1); *R. ignicapillus* note, **Kummerloewe** (2).

Sylvia spp. migration routes, **Brickenstein-Stockhammer & Drost**; *S. atricapilla* song and migration in Spain, **Bernis** (6); French note, **Hertzog & Malan**; winters in Germany, **Olderog**; song note, **Rosenberger** (1); wintering in Britain, **Stafford**; *S. borin* development and play of young, **Sauer** (1); *S. cantillans* in Norfolk, **Acklam**; *S. communis* study of song, **Sauer**; *S. hortensis* in Dorset, **Rooke**; *S. nisoria* increase in Germany, **Rauhe**; photos and note, **Swanberg**; *S. sarda* in Spain, **Pozo Lora** (1); *S. undata* French note, **Kowalski** (1).

MALURIDAE

Malurus cyaneus distribution, **Glover**; *M. elegans* popular note and photos, **Smith**, L. H.

MUSCIPIDAE

Ficedula parva song, **Berg-Schlosser**.

Gerygone richmondi status in eastern Australia, **Wakefield**.

Hemichelidon ferruginea validation, **Opinion 416**.

Microeca fascians aerial singing, **Boehm** (1).

Muscicapa albicollis and *M. hypoleuca* breeding observations, **Löhr**; *M. banyumas lekhakuni* **subsp. nov.** p. 209, **Deignan** (2); *M. hypoleuca* status in Forest of Dean, **Campbell**, B.; late breeding, **Güth**; territorial habits, **Haartman** (2); Russian study, **Likhachev**; *M. striata* nest observations, **Bannister**.

Muscitrea cyanea taxonomy, **Opinion 415**.

Myiobius taxonomy, **Opinion 414**.

Pachycephala pectoralis variation and evolution, **Galbraith**.

Petroica rosea note, **Wood**.

Poliophtila caerulea nest note, **Nickell**.

Rhipidura rufiventris tangensis **subsp. nov.** **Mayr** Amer. Mus. Novit. no. 1707: 22.

PARIDAE

Body temperatures in the arctic winter, **Udvardy** (2).

Aegithalos caudatus ten sheltering in a hole in the ground, **Borg**; as colony breeder, **Lachner**; nesting on the ground, **Thielemann**.

Anthoscopus pygmaea sp. nov., **Horniman**.

Monarcha azurea galerita subsp. nov. p. 210, **Deignan** (2).

Parus spp. killing other birds, **Diesselhorst**; territorial habits, **Gibb**; Some examples of melanism, **Sage**, B. L. (5); *P. ater* bill-size in relation to habitat, **Irwin** (1); *P. ater* Italian incursion, **Moltoni** (5); geographical variation, **Snow**; *P. atricapillus* wing length, **Blake**, C. H. (2); nest observations, **Nickell** (2); growth of tail feathers, **Saunders**; specific status, **Snow** (2); *P. bicolor* ecological analysis in Texas, **Dixon**, K. L.; *P. caeruleus* study of mortality, **Snow** (3); song, **Stadler** (1); *P. cristatus* Hungarian note, **Györy & Gárdonyi**; *P. gambeli* systematic review, **Behle**; *P. inornatus* territoriality and survival, **Dixon** (1); *P. major* nestlings eaten by snake, **Dózsa**; intimate observations, **Howard**; "string-pulling" experiments, **Nice**; mixed situation, **Schmidt**, F.; *P. m. ambiguus* general biology, **Cairns**.

Remiz pendulinus nidification, **Heyder** (4).

SITTIDAE

Sitta europaea sunbathing, **Bäsecke** (1); *S. e. caesia* note, **Harz**.

CERTHIIDAE

Sleeping habits, **Corti** (3).

Certhia brachydactyla second brooding, **Berndt**; *C. familiaris* using nest-boxes, **Mackenzie**, J. M. D.; food seeking habits, **Brander** (5); *C. f. scotica* subsp. nov., **Horniman**.

Tichodroma muraria Status in Hungary, **Agardi** (2), **Király**, **Széchenyi**; note, **Barsony**; in Spanish mountains, **Iusue**.

DICAIEIDAE

Dicaeum agile separabile subsp. nov. p. 211, **Deignan** (2).

NECTARINIIDAE

Queensland note, **Seaton**.

Arachnothera affinis caena and *A. magna musarum* and *A. m. pagodarum* subsp. nov. p. 210, **Deignan** (2).

Cinnerys chloropygius taxonomic note, **Serle** (3); *C. coccinigaster* note, **Serle** (5); *C. sericea bergamaniae* subsp. nov. p. 353, **Gyldenstolpe**.

Nectarinia famosa nesting observations in captivity, **Porter**, S.; *N. reichenowi lathburyi* subsp. nov. p. 137, **Williams** J. G.

ZOSTEROPIDAE

Chlorocharis emiliae geographical and individual variation, **Mees**; ecology, **Harrison**.

Zosterops spp. colonising desert islands, **Betts**, F. N. (1); *Z. lateralis* eaten by *Egretta alba*, **Penniket**; *Z. montana finitima* subsp. nov. p. 290, **Ripley & Rabor**; *Z. novaeguineae magnirostris* subsp. nov. p. 153, **Mees**; *Z. virens* incubation period, **Milstein**.

MELIPHAGIDAE

Myzomela cruentata cantans subsp. nov. p. 43, **Mayr**.

EMBERIZIDAE

(EMBERIZINAE)

Emberiza spp. toilet behaviour, **Andrew**, R. J.; begging responses, **Andrew**, R. J. (3); migration during the late Pleistocene, **Wallgren**; *E. citrinella* biology, **Wallgren** (1); race affinities in Hungary, **Horvath & Keve**; behaviour towards *Lanius collaris*, **Dancker**; *E. citrinella* and *E. calandra* territorial habits, **Andrew**, R. J. (4); *E. calandra* status in Aberdeenshire, **Goodbody** (2); *E. c. hybridum* subsp. nov. p. , **Horniman**; *E. cinerea semenowi* breeds in Syria? **Mauersberger**; *E. hortulana* in Yorkshire, **Crossley**; field-characters in autumn, **Nisbet** (2); *E. pusilla* in Co. Dublin, **Humphreys**; *E. pyrrhulinus* oldest available name, **Opinion** 408; *E. schoeniclus* taxonomic note, **Stegmann**; note on captive bird, **Stewart**, I. F.; races, **Vaurie** (4); *E. s. intermedia* in Hungary, **Keve & Szijj**.

Guiraca caerulea heavily parasitized by *Molothrus ater*, **Bleitz**.

Spiza americana distribution in North America, **Gross**, A. O. (1) ; nest note, **Owens**.

(RICHMONDENINAE)

Richmondia cardinalis extension of range in South Dakota, **Krause & Froiland** ; singing female, **Nickell** ; *R. c. petenensis* **subsp. nov.** p. 66 **Taibel**.

(THRAUPINAE)

Tachyphonus phoenicius nest and egg, **Haverschmidt** (6).

PARULIDAE

Nesting heights of woodland spp. in Maine, **Cruickshank**.

Dendroica caerulescens and *D. pensylvanica* nesting notes, **Ganier** ; *D. discolor* feeding on cercopterid larvae, **Nolan** ; breeding in Texas, **Sheffield** ; *D. d. discolor* probable Florida breeding, **Stevenson** ; *D. palmarum* in California, **Fisher**, C. D.

Oporornis agilis in Kansas, **Tordoff**.

Psarcolius decumanus and *P. augustifrons* comparison in incubation biology, **Schäfer**.

VIREONIDAE

Hylophilus aurantiifrons helvinus and *H. flavipes galbanus* **subsp. nov.** p. 9, **Wetmore & Phelps**.

Neochloe brevipennis note, **Moore & Medina**.

ICTERIDAE

Agelaius phoeniceus nesting in bird house, **Nero** ; mating and nesting behaviour, **Nero** (1) ; territorial habits, **Nero** (2).

Icterus parisorum distribution note, **Miller** (1) ; *I. pectoralis* in Florida, **Brookfield & Griswold**.

Sturnella sp. territorial habits, **Lanyon** ; *S. magna* note, **Terres** (1).

FRINGILLIDAE

Comparative study of courtship, **Hinde** (1) ; Relationships, **Nelson** ; Notes from eastern Cape Province, **Paterson**, J. M. ; Systematic notes, **Vaurie** (2) ; Systematic notes on *Emberiza*, *Calcarius* and *Plectrophenax*, **Vaurie**, (5).

Aimophila cassinii breeding in central Oklahoma, **Johnson**, J. C., Jr.

Ammodramus savannarum floridanus nest photos, **Schroder**.

Ammodramus caudatus and *A. maritima* comparative breeding behaviour, **Woolfenden** ; *A. caudatus nelsoni* in Tennessee, **Laskey** ; *A. mirabilis* former and present distribution, **Stimson**.

Calcarius lapponicus 1953 invasion in Great Britain, **Williamson**, K. & **Davis**, P.

Carduelis spp. serological affinities, **Mainardi** ; song, **Stadler** (6) ; hybrid, **Steinbacher** (2) ; *C. carduelis* in Sussex, **Harber** ; *C. citrinella* photos, **Vaughan** ; *C. flammea* status in Spain, **Banzo** ; *C. f. rostrata* autumn immigration into Scotland, **Williamson**, K. (4) ; *C. flavirostris* in Harz Mts., **Lehmann**, W. ; *C. spinus* plumage note, **Bokai** ; migration and distribution in Europe, **Verheyen** (4) ; *C. (Serinus) canaria woltersi* **nom. nov.** **Laubmann**.

Carduelis specific differences, **Thorne** ; *C. erythrurus* in Yorkshire, **Fenton & Brownlow** ; expansion in Finland, **Nordström** (2) ; *C. mexicanus* water needs, **Bartholomew & Cade** ; *C. puniceus sikangensis* **subsp. nov.** 1788 p. 20, **Vaurie** (3) ; *C. purpureus* nesting in Toledo, Ohio, **Mayfield & McCormick**.

Chloris chloris acquired food habit, **Petersson**.

Chondestes grammacus in Bahamas, **Tashian**.

Coccothraustes coccothraustes Italian nest note, **Di Carlo** (1) ; biology, **Mountfort** ; territorial habits, **Mountfort** (1) ; feeding its brooding mate, **Sopronyi**.

Fringilla systematic relationship of genus, **Mayr**, **Andrew & Hinde** ; *F. coelebs* population study, **Bergman** ; migration variation, **Briche** ; plant-lice and essential food for young, **Eggermont** ; altitude of migration, **Klomp** ; in cold winter nights, **König**, D. (3) ; voice and song, **Marler** (1) ; territorial habits, **Marler** (2) ; fighting studies, **Marler** (3) ; voice, **Marler** (4) ; young feeding younger, **Prukner** ; habitat and territory in Swedish Lapland, **Udvardy** ; *F. coelebs* × *F. montifringilla* hybrid, **Moltoni** (1) ; *F. montifringilla* German study, **Rosenberger** (2).

Hesperiphona vespertina winter food, **Brooks**; Summer records, **Shaub** [**& Downs**].

Junco spp. winter flocking, **Sabine**; *J. hyemalis* displacement movement, **Lawrence**.

Loxia curvirostra invasion in Great Britain in 1953, **Barraud**; Russian note, **Bubnov**; California note, **Johnston**, D. W. & **Norris**; incursions in Italy, **Moltoni** (4); Spanish note, **Pertika**; Hungarian observations, **Szjij**.

Melospiza melodia samuelis population structure and ecology, **Johnston**, R. F.

Mycerobas carripes Russian note, **Stepanyan**, **Ternovski**.

Ortygospiza polyzona taxonomic status, **Grant & Mackworth-Praed** (3).

Pachycephala soror remota subsp. nov. p. 4, **Mayr & van Deusen**.

Passerculus sandwichensis races in South Carolina, **Johnston**, D. W.

Phœticus ludovicianus in Arizona, **Thornburg**.

Pinicola enucleator a singing female, **Bernhoft-Osa**.

Plectrophenax nivalis probable breeding in Scotland, **Minton** (1).

Pyrrhula nipalensis waterstradti nest and eggs, **Hislop**; *P. pyrrhula* ecology and biology in captivity, **Nicolai**.

Serinus leucopygius pallens subsp. nov. p. 6, **Vaurie** (2); *S. mozambicus intensus* subsp. nov., **Horniman**.

Spizella arborea site tenacity, **Dowling**; food note, **Russak**.

Volatina jacarina nesting note, **Barnard**.

Warsanglia johannis re-discovery, **Williams**, J. G. (2).

Zonotrichia albicollis note, **Yocom & Mall**; *Z. atricapilla* variety, **Sibley** (2); *Z. leucophrys gambellii* premigratory fat deposition, **McGreal & Farmer**; liver and spleen weight cycles, **Oakeson**; *Z. querula* status in mid-south U.S.A., **Coffey**.

PASSERIDAE

Montifringilla nivalis Italian note, **Di Carlo**.

Passer spp. variations in Sardinia and Sicily, **Steinbacher** (5).

P. diffusus luangwae subsp. nov. p. 40, **Benson** (3).

P. domesticus "anting", **Common**; status in northern Norway, **Lund**; attacked by other passerines in Australia, **McKenzie**, M.; changes in population densities, **Rand** (2); movements and variations, **Summers-Smith**; mortality, **Summers-Smith** (1); large roost in Barcelona, **Westernhagen**; *P. hispaniolensis* biology, **Makatsch**, W.; *P. montanus* breeding in *Riparia riparia* colony, **Aschenbrenner & Peters**; race in Australia, **Sage**, B. L. (6); breeds with *Riparia riparia*, **Weimzierl**.

PLOCEIDAE

Review of subfamilies Euplectinae and Viduinae, **Boetticher** (3); Breeding behaviour of Mannikins, **Steiner**; Systematic notes, **Vaurie** (6).

Amblyospiza albifrons woltersi subsp. nov. p. 90, **Clancey** (2).

Euplectes orix orix general biology, **Skead** (3).

Hypochera chalybeata breeding in captivity, **Poulsen** (3).

Lagonosticta spp. behaviour notes, **Harrison**, C. J. O.

Lonchura bicolor Woltersi subsp. nov. p. 272, **Schouteden** (2).

Ploceus philippinus nesting observations, **Ali & Ambedkar**; *P. p. angelorum* subsp. nov. p. 211, **Deignan** (2); *P. reichardi* note, **Beesley**, J. S. S.; *P. spilonotus dilutescens* subsp. nov. p. 89, **Clancey** (2).

Quelea quelea song and study, **Busnel & Gramet**; nest construction, **Crook** breeding biology, **Disney & Marshall**; pest conference report, **Fuggles-Couchman**; popular note, **Gordon**, N.; photostimulation, **Marshall & Disney**; Breeding biology, **Morel & Bourlière**.

Symplectes bicolor kigomaensis subsp. nov. p. 33, **Grant & Mackworth-Praed**.

Textor reichardi nest note, **Vesey-Fitzgerald**.

Uraeginthus bengalus kigomaensis subsp. nov. p. 34, **Grant & Mackworth-Praed**.

STURNIDAE

Taxonomic review, **Amadon** (2).

Acridotheres tristis in Tasmania, **Jones, H. L.**

Aplonis brunneicapillus habits, **Cain & Galbraith**.

Buphagus spp. popular note, **Pitman** (3).

Onychognathus morio note, **Büttiker**.

Pastor roseus new in Mongolia, **Eregden-Dagva**.

Sturnus cineraceus Japanese field studies, **Kuroda**; *S. vulgaris* autumn movements in St. George's Channel, **Browne, P. W. P.** (1); note, **Coulson**; population changes and roosting times in Maryland, **Davis, D. E.**; cranial morphology, **De Kock**; food and mortality, **Dunnet**; breeding in Nevada, **Gullion** (2); roosting behaviour in Pennsylvania, **Jumber**; in burrow of *Riparia riparia*, **Kumerloeve** (5); in Estonia, **Lint**; as competitor with hole-breeders, **Löhl**; as pollinators, **McCann**; Italian note, **Messedaglia**; large flock in British Columbia, **Munro**; nest note, **Schenk**; German study, **Schneider**.

ORIOOLIDAE

Variation in Australian spp., **Keast** (1).

Oriolus oriolus in Sweden, **Hermanson**; *O. sagittatus* note, **Schodde**.

DICRURIDAE

Dicrurus adsimilis geographical variation, **Clancey** (1).

ARTUMIDAE

Artamus cyanopterus clustering habit, **Hindwood**.

PTILONORHYNCHIDAE

Correlation between plumage and bower ornamentation, **Gilliard**; Popular account, **Marshall, A. J.**

Chlamydera maculata South Australian status, **Boehm** (2).

Prionodura newtoniana General biology and bower-building, **Chisholm & Chaffer**.

Sericulus chrysocephalus breeding in captivity, **Brown, R. E. B.**

PARADISEIDAE

Cincinnurus regius rex display and breeding observations, **Bargman**.

Manucodia ater systematics, **Gilliard**.

Paradisaea ("Uranornis") *rubra* anatomy, **Berger** (2).

CORVIDAE

Hungarian notes, **Festetics**; Study of acoustics, **Giban**; Winter fighting in feeding flocks, **Lockie**; Food of nestling jays and magpies, **Owen**; Adaptive relationships, **Shtegman**.

Calocitta × *Psilorhinus* hybrid, **Pitelka & others**.

Corvus brachyrhynchos study of food in Kansas, **Platt**; *C. corax* 36 years' nesting, **Bársony** (1); albino race formerly in Faroes, **Botur**; German note, **Groebbels & Gröhn**; biology, **Hauri**; notes at roost in Devon, **Hurrell**; in southeastern U.S.A., **Sprunt** (1); Hungarian note, **Szemere, L.**; *C. cornix* nest on telegraph pole, **Macgregor**; in Amsterdam, **Sluiter**; *C. corone* × *C. cornix* hybrid, **Bäsecke**; *C. corone* attacking humans, **Gebhardt**; nest note, **Hohlt**; note, **Niebuhr**; "mottled" plumage, **Sage, B. L.** (1); fishing, **Spenner**; communal roost, **Steinbacher** (4); *C. frugilegus* Lancashire rookeries, **Boyd, A. W.**; observations, **Gramet**; status in Finistère, **Lebeurier** (1); behaviour, **Régnier**; ringing results, **Ryabov & Shevareva**; "mottled" mutants, **Sage, B. L.** (2); rookeries in Ayrshire, **Walls**; control at Scottish rookery, **Watson, A.**; *C. monedula* in Finland, **Brander** (2); annual gonad cycle of male, **Threadgold**; *C. m. spermologus* taxonomic status, **Harrison, Grant & Deignan**.

Cyanocitta cristata in New Mexico, **Bixler**; courtship note, **Kilham**.

Garrulus glandarius town-dwelling, **Damm**; homing flight, **Geyr von Schweppenburg** (1); observations on behaviour, **Goodwin, D.** (6); strange nesting sites, **Güth** (1); Rus-

sian food note, **Lozovoi** ; German note, **Peitzmeier**, **Pollkläsener** ; migration note, **Sanden** ; as town-dweller, **Tittel**.

Gymnorhina dorsalis inter-sexuality, **Marshall**, A. J. & **Serventy** (1) ; annual reproductory cycle, **Robinson**, A.

Gymnorhinus cyanocephalus note, **Jordan**, **Selander**.

Nucifraga caryocatactes food storage, **Blotzheim** ; in Hungary 1947-51, **Dorning** ; note, **Engel** ; invasion in Wurttemberg 1954-55, **Heer** (1) ; snow-bathing, **Pfeifer** ; in Budapest, **Somfai** ; territorial habits, **Swanberg**

(1) ; Study of incubation, **Swanberg** (2) ; Dutch note, **Taapken & Bloem** ; note, **Westerfrölke** ; *N. columbiana* preying on ground squirrels, **Dison**, J. B. ; nesting behaviour, **Mewaldt**.

Pica Pleistocene fossil from Texas, **Miller**, A. H. & **Bowman** ; *P. pica* and sheep's wool, **Koch** ; nesting habits in Flintshire, **Venables**, L. S. V. & V. M. ; note, **Zimmermann**, K.

Pyrrhocorax valid name for the Chough, **Opinion 404** ; *P. graculus* Swiss observations, **Rothschild** ; *P. pyrrhocorax* Italian note, **Garavini** ; in Hungary, **Szocs** ; *P. p. docilis* ecology in Yugoslavia, **Matvejev** (1).

